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**A Handbook
of
Dairy Statistics**

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**United States
Department of Agriculture
Washington, D. C.**

1928



United States
Department of Agriculture

A Handbook of Dairy Statistics

(Revision of Bureau of Animal Industry
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INTRODUCTION

The statistics of an industry form a basis for intelligent action. In preparing this handbook effort has been made to bring together in form for convenient reference those statistics that are of most interest and value to the North American dairy industry.

Original sources of data and final figures were used whenever available. Preliminary figures or estimates are used in a few instances to bring the tables up to date, but wherever used they are so indicated. The sources of data from United States Government publications are as follows: Department of Agriculture—Bureaus of Agricultural Economics, Animal Industry, and Dairy Industry; Department of Commerce—Bureau of the Census and Bureau of Foreign and Domestic Commerce; Treasury Department—Bureau of Internal Revenue.

The boundary limits of the different countries are those established in 1919 or later.

The reference (YB) given for a table indicates that later figures are available in the Yearbooks of the United States Department of Agriculture. Blank spaces in the tables indicate that data were not available. The term "Special imports" indicates imports for consumption. The term "General imports" indicates imports for all purposes, a part of which may be reexported. The term "Domestic exports" indicates that the products exported were produced within the country.

Many countries have revised the statistics gathered during the World War, especially those relating to number of cattle. During the war, preliminary figures or estimates were not always clearly indicated as such. Later final figures issued vary from them to some extent, although the preliminary figures were in most instances approximately correct.

The terms "Dairy cows" and "Cows" differ in that the latter includes, in addition, cows not used for dairy purposes. The number of cows was used in the tables when the number of dairy cows was not available.

Unless otherwise stated when figures are given for a year it may be assumed that they are for the calendar year.

Units of weight used to convert foreign or metric weights to United States pounds are:

	Pounds
1 kilogram.....	2. 2046
1 quintal.....	220. 46
1 poud (Russian).....	36. 1128
1 hundredweight (English).....	112
1 pound (Spanish pound for Cuba).....	1. 0161

GENERAL STATISTICS

TABLE 1.—*Population of various countries*

[Statesman's Yearbook]

Country	Year	Population
Argentina.....	1924	9, 548, 092
Australia.....	1925	5, 929, 288
Austria.....	1923	6, 535, 759
Belgium.....	1924	7, 744, 259
Bulgaria.....	1925	5, 033, 900
Canada.....	1924	9, 226, 740
China.....	1924	436, 094, 953
Czechoslovakia.....	1921	13, 613, 172
Denmark.....	1925	3, 419, 656
Estonia.....	1922	1, 110, 538
France.....	1921	39, 209, 518
Finland.....	1924	3, 495, 186
Germany.....	1925	62, 539, 098
Greece.....	1920	5, 810, 221
Great Britain.....	1925	43, 783, 032
Hungary.....	1920	7, 980, 143
India.....	1921	318, 942, 480
Irish Free State.....	1925	3, 148, 000
Italy.....	1926	42, 115, 606
Japan.....	1924	61, 081, 954
Latvia.....	1925	1, 844, 805
Lithuania.....	1924	2, 175, 121
Netherlands.....	1924	7, 315, 046
New Zealand ¹	1925	1, 379, 487
Norway.....	1920	2, 649, 775
Poland.....	1921	27, 184, 836
Portugal.....	1920	6, 032, 991
Rumania.....	1919	17, 393, 149
Russia (U. S. S. R.).....	1923	132, 000, 413
Spain.....	1924	21, 966, 641
Sweden.....	1924	6, 036, 118
Switzerland.....	1924	3, 917, 800
Union of South Africa.....	1921	6, 928, 580
United States.....	1927	118, 628, 000
Yugoslavia.....	1921	12, 017, 323

¹ Including Maoris.

TABLE 2.—*Cows, or dairy cows: Number in various countries*

[Official sources]

Country	Year	Number
India (British and Native States).....	1922-23	66,900,000
United States (on farms).....	1927	² 21,824,000
Russia (present).....	1923	20,129,000
Germany.....	1924	8,976,032
France.....	1923	7,303,940
United Kingdom ¹	1921	4,575,421
Canada.....	1925	² 3,830,175
Italy.....	1918	3,071,345
Argentina.....	1921	² 3,294,987
Hungary (old).....	1914	2,710,000
England and Wales.....	1924	2,662,700
Rumania.....	1923	² ³ 2,512,824
Australia.....	1923	² 2,304,644
South Africa.....	1921	2,263,778
Czechoslovakia.....	1921	2,033,762
Mexico.....	1924	2,187,867
Sweden.....	1920	1,739,000
Irish Free State.....	1924	² 1,215,415
Denmark.....	1926	² 1,478,000
Finland.....	1923	1,277,664
New Zealand.....	1926	² 1,181,441
Netherlands.....	1921	1,085,713
Austria.....	1923	1,074,774
Egypt.....	1923	³ 1,005,500
Belgium.....	1923	820,692
Norway.....	1920	705,688
Switzerland.....	1926	² 873,293
Latvia.....	1923	580,126
Estonia.....	1923	316,405
Spain.....	1925	715,117
Chile.....	1922	202,151
North Ireland.....	1924	² 256,739
Japan.....	1922	² 53,750

¹ Including Great Britain, Isle of Man, and Channel Isles.² Indicates that cows enumerated were dairy cows.³ Including buffalo cows.

TABLE 3.—*Milk yield: Average per cow per year in various countries*

Country	Year	Average yield of milk	Country	Year	Average yield of milk
		<i>Pounds</i>			<i>Pounds</i>
Netherlands.....	1902	7,585	United States.....	1917	3,716
Friesland.....	1922	9,632	Do.....	1920	3,627
Switzerland.....	1914	¹ 6,950	Do.....	1923	4,260
Do.....	1922	6,614	Do.....	1925	4,500
Do.....	1923	6,658	Norway.....	1910	3,680
Great Britain.....	1914	5,934	Do.....	1915	3,508
Do.....	1922	5,562	Do.....	1920	3,303
Ireland (Free State).....	1922	4,816	France.....	1923	3,599
Denmark.....	1914	5,666	Sweden.....	1911	3,600
Do.....	1920	4,722	Japan.....	1918	3,339
Do.....	1922	5,714	Hungary.....	1914	2,932
Do.....	1924	6,279	Australia.....	1916	2,719
Do.....	1925	6,274	Do.....	1922	3,019
Latvia.....	1923	4,518	Italy.....	1914	2,279
Germany.....	1919	4,850	Chile.....	1916	1,520
Canada.....	1911	3,779	Siberia.....	1916	1,192
Do.....	1921	4,003	New Zealand.....	1911	² 3,710
			Do.....	1922	4,421

¹ The average of full-grown cows is now more than 10,000 pounds a year.

² Having a butterfat content of 3.8 per cent.

TABLE 4.—*Consumption of whole milk, per capita per year, in various countries*

Country	Year	Milk consumed	Country	Year	Milk consumed
		<i>Gallons</i>			<i>Gallons</i>
Sweden.....	1914	69.7	Netherlands ¹	1902	39.5
Denmark.....	1914	68.5	Canada.....	1916	26
Switzerland ¹	1914	67.4	Do.....	1922	27.3
Do.....	1922	67	Hungary.....	1914	24.3
Germany.....	1913	61	United Kingdom.....	1914	22.2
Belgium.....	1898	47.3	Great Britain.....	1921	18.7
United States.....	1917	42.4	Do.....	1922	30.9
Do.....	1920	43	France ¹	1920	20.6
Do.....	1921	49	Do.....	1921	21.45
Do.....	1922	50	Do.....	1922	21.5
Do.....	1923	53	Spain.....	1925	13.75
Do.....	1924	54.75	Italy ¹	1913	4.2
Do.....	1925	54.75	Hawaii.....	1916	1.0
Do.....	1926	55.3			

¹ No allowance could be made for consumption by tourists.

TABLE 5.—*Consumption of butter, per capita per year, in various countries*

Country	Year	Butter consumed	Country	Year	Butter consumed
		<i>Pounds</i>			<i>Pounds</i>
Canada.....	1911	27.7	Great Britain.....	1921	13.8
Do.....	1923	27.45	Do.....	1922	15.0
Do.....	1924	27.21	France.....	1919	10.7
Do.....	1925	26.56	Do.....	1920	7.2
Australia.....	1913	25.6	Do.....	1921	10.4
Do.....	1919	27.7	Do.....	1923	10.9
Do.....	1922	25.3	Netherlands.....	1917	16.8
New Zealand.....	1914	21.7	Do.....	1921	13.2
Do.....	1917	26.3	Do.....	1922	12.4
Denmark.....	1914	17.7	Do.....	1923	14.2
Do.....	1922	13.4	Do.....	1924	13.23
Do.....	1923	13.6	Sweden.....	1917	16.5
United States.....	1909	17.5	Germany.....	1913	14.7
Do.....	1919	15.5	Do.....	1921	9.6
Do.....	1920	14.7	Do.....	1922	9.5
Do.....	1921	16.1	Do.....	1923	9.4
Do.....	1922	16.5	Norway.....	1906	14.0
Do.....	1923	17.0	Switzerland.....	1914	12.1
Do.....	1924	17.4	Do.....	1922	11.1
Do.....	1925	17.4	Italy.....	1913	2.5
Do.....	1926	17.8	Argentina ¹	1913	1.8
United Kingdom..	1914	17.0	Do.....	1923	1.07

¹ Factory butter only.TABLE 6.—*Consumption of cheese, per capita per year, in various countries*

Country	Year	Cheese consumed	Country	Year	Cheese consumed
		<i>Pounds</i>			<i>Pounds</i>
Switzerland.....	1914	26.4	Italy.....	1913	4.8
Do.....	1922	20.0	Australia.....	1913	4.8
Do.....	1923	23.3	Do.....	1919	4.2
Netherlands.....	1912	13.3	Do.....	1922	3.6
Do.....	1921	14.4	United States.....	1920	3.5
Do.....	1922	10.6	Do.....	1921	3.5
Do.....	1923	13.5	Do.....	1922	3.7
Denmark.....	1914	12.3	Do.....	1923	3.9
Do.....	1922	13.2	Do.....	1924	4.2
United Kingdom..	1905	11.2	Do.....	1925	4.2
Great Britain.....	1921	8.9	Do.....	1926	4.3
Germany.....	1912	9.5	Canada.....	1911	3.0
France.....	1892	8.1	Do.....	1923	3.1
Do.....	1920	7.9	New Zealand.....	1914	3.0
Do.....	1921	10.3	Do.....	1917	3.9
Do.....	1923	13.5	Argentina ¹	1913	2.9
Norway.....	1910	7.1	Do.....	1924	1.9

¹ Factory cheese only.

TABLE 7.—Consumption of dairy products, per capita per year, in the United States ¹

[Bureau of Agricultural Economics]

Year	Milk	Butter	Cheese	Con- densed and evapo- rated milk ¹	Ice cream
	<i>Gals.</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Gals.</i>
1849		13.9	4.0		
1859		15.1	3.2		
1869		13.7	3.3		
1879		15.8	2.1		
1889		19.5	2.9		
1899		19.9	3.7		
1909		18.0	³ 3.85		⁴ 1.04
1914		17.0	³ 4.60		1.68
1916		15.4	3.04		2.08
1917	42.4	14.6	2.89	10.49	2.07
1918	43.0	14.0	3.00	12.50	2.14
1919	43.0	14.8	3.50	12.30	2.49
1920	43.0	14.7	3.50	10.17	2.46
1921	49.0	16.1	3.50	11.40	2.28
1922	50.0	16.5	3.70	12.69	2.43
1923	53.0	17.0	3.90	13.25	2.68
1924	54.75	⁵ 17.38	4.20	14.00	2.50
1925	54.75	17.39	4.26	14.87	2.80
1926	55.3	17.82	4.36	14.32	2.77

¹ Revised, 1927.

² Including sweetened and unsweetened.

³ Including cottage cheese, not included for other years.

⁴ For the year 1910.

⁵ Revised according to census of farm butter for 1924.

TABLE 8.—*Styles and weights of butter containers used in various countries*

Country	Style of package	Net weight
		<i>Pounds</i>
Argentina.....	Boxes.....	56
Assyria.....	Cases (in tins).....	100
Baltic countries:		
Estonia.....	Casks.....	112
Latvia.....	do.....	112
Lithuania.....	do.....	112
Baltic.....	Boxes.....	56
Canada.....	do.....	56
Denmark.....	Casks.....	112
Holland.....	do.....	112
Ireland.....	Firkins.....	70
Do.....	Pyramids.....	56
Do.....	Casks.....	112
Do.....	Boxes.....	56
Italy.....	Cases (in tins).....	100-220
New Zealand.....	Boxes.....	56
Norway.....	Firkins.....	70
Siberia.....	Casks.....	1 90-186
Sweden.....	do.....	112
United States.....	Boxes—solid packed.	66-68
Do.....	Boxes—prints.....	20-30-50
Do.....	Tubs.....	62-64
Australia.....	Box.....	56

¹ Average 116.

TABLE 9.—*Cheese: Sizes and weights of various kinds of cheeses, and number of cheeses in shipping crate or box*

Kinds	Average weight	Approximate size	Number in a box or crate
		<i>Inches</i>	
Brick.....	5 lbs.....	2 by 5 by 10....	11 to a box.
Brie.....	4 ozs.....	6 by 6 by 2 triangle.	12 to a box.
Caciocavallo.....	6 to 8 lbs.....	3 by 12 bottle	6 to a case.
Camembert.....	1½ ozs.....	2 by 2 by 1½ triangle.	6 to a box.
Cheddar.....	70 lbs.....	13 diameter by 15½.	1 to a box.
Cream.....	5 lbs.....	12 by 4 by 4....	Do.
Daisies.....	22 lbs.....	5 high 14 diameter.	Do.
Edam.....	4 lbs.....	6 diameter, round.	12 to a box.
Emmenthal (Swiss).....	125 to 225 lbs..	30 by 38 by 6-8.	4 in a tub.
Flats.....	30 to 33.....	14½ diameter by 5½.	2 to a box.
Gruyere.....	8 ozs.....	3 by 3 by 1½ triangle.	12 to a box.
Limburger.....	1 and 2 lbs.....	1½ by 1½ by 6.	60 to a case.
Longhorns.....	10 to 16 lbs.....	6 diameter by 12.	4 to a box.
Munster.....	5 lbs.....	3 by 7.....	18 to a box.
Neufchatel.....	2½ ozs.....	2 by 1.....	25 to a box.
Parmesan.....	50 lbs.....	24 diameter by 6.	4 to a tub.
Pecorino (Romano).....	18 lbs.....	12 diameter by 8.	8 to a case.
Philadelphia cream.....	3 ozs.....	3 by 2 by 1....	12 to a box.
Prevolono.....	7 lbs.....	6 to 8 oval.....	20 to a box.
Roquefort.....	5 lbs.....	8 diameter by 2.	12 to a box.
Sap Sago.....	4 ozs.....	1½ by 2 diameter.	400 to a case.
Square prints.....	10 lbs.....	12 by 5½ by 4½.	2 to a box.
Stilton.....	15 lbs.....	14 by 15 by 6½.	6 to a case.
Young Americas.....	11 lbs.....	7 diameter by 7.	4 to a box.

NOTE.—A number of the cheeses have wide variations. This table is taken from actual products found on the New York market at the present time—1927.

TABLE 10.—*Butter: Classes of butter in the United States and official score card*

CLASSES OF BUTTER

1. Dairy butter is butter made on a farm.
2. Creamery butter is butter made in a creamery or factory.
3. Packing stock butter is dairy butter or other butter in its original form in miscellaneous lots of such wholesomeness that it may be used in making ladled or process butter.
4. Ladled butter is the product made by reworking miscellaneous lots of dairy butter or other butter, or both.
5. Process or renovated butter is the product of melting, refining, and churning or reworking packing stock or other butter, or both.
6. Grease butter is any butter which is unwholesome or otherwise unfit for use for ladling or renovating.

BUTTER SCORE CARD

	Points
Flavor.....	45
Body.....	25
Color.....	15
Salt.....	10
Package.....	5
Total.....	100

TABLE 11.—*United States official grades of American Cheddar cheese and score card*

GRADES OF AMERICAN CHEDDAR CHEESE

U. S. extra fancy, scoring 95 or above.
 U. S. fancy, scoring 92 to 94, inclusive.
 U. S. No. 1, scoring 89 to 91, inclusive.
 U. S. No. 2, scoring 86 to 88, inclusive.
 U. S. No. 3, scoring 83 to 85, inclusive.
 Culls, scoring below 83.

AMERICAN CHEDDAR CHEESE SCORE CARD

	Points
Flavor.....	30
Body and texture.....	40
Finish and appearance.....	20
Color.....	10
Total.....	100

TABLE 12.—*Milk solids: Approximate quantity of solids in various dairy products*

Product	Milk solids (including fat)
	<i>Per cent</i>
Milk:	
Whole milk.....	13.0
Skim milk.....	9.2
Condensed, sweetened (legal) ¹	28.0
Condensed and evaporated, not sweetened (legal).....	25.5
Condensed and evaporated skim milk, sweetened (legal).....	28.0
Powder—	
Whole milk (legal).....	² 95.0
Skim milk (legal).....	95.0
Cream.....	95.0
Malted (7½ per cent fat).....	25.0
Buttermilk.....	95.0
Sugar.....	72.7
Chocolate.....	12.0
Whey.....	7.0
Buttermilk.....	8.4
Cream:	
20 per cent fat.....	26.7
40 per cent fat.....	43.5
Butter, 82 per cent fat.....	83.0
Cheese:	
Cheddar (milk with 4 per cent fat).....	63.0
Cottage.....	62.6
Ice cream:	
10 per cent fat.....	20.0
14 per cent fat.....	20.0

¹ U. S. Department of Agriculture, B. A. I. Circular 36.

² The moisture content of whole and skimmed milk powder commercially is about 3 per cent.

TABLE 13.—*Butter: Standards of butterfat, and limit of moisture in butter in various countries*

Country	Butterfat (mini- mum)	Moisture (maxi- mum)
	<i>Per cent</i>	<i>Per cent</i>
Great Britain.....		16.0
Australia.....	82.0	16.0
Victoria.....	80.0	15.0
West Australia.....	82.0	15.0
Argentina.....	82.0	16.0
Sweden.....		16.0
Italy.....	82.0	
Russia.....		16.0
Germany:		
Salted.....	80.0	16.0
Unsalted.....	82.0	18.0
Finland.....		16.0
Switzerland (6 Cantons).....	82.0	15.0
Denmark.....		16.0
Netherlands.....	80.0	16.0
United States.....	80.0	

TABLE 14.—*Milk and cream weights: Approximate weights at various temperatures per gallon*

[Bureau of Dairy Industry]

	Skim milk	4 per cent milk	20 per cent cream	25 per cent cream	30 per cent cream	35 per cent cream	40 per cent cream
° F.	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
40.....	8.660	8.610	8.540	8.500	8.470	8.450	8.420
45.....	8.655	8.605	8.525	8.485	8.450	8.425	8.395
50.....	8.650	8.600	8.510	8.470	8.430	8.400	8.370
55.....	8.645	8.595	8.495	8.450	8.410	8.375	8.345
60.....	8.640	8.590	8.480	8.435	8.390	8.350	8.320
65.....	8.635	8.585	8.460	8.420	8.370	8.330	8.295
70.....	8.630	8.580	8.450	8.400	8.350	8.310	8.270
75.....	8.625	8.570	8.435	8.385	8.330	8.290	8.250
80.....	8.620	8.565	8.420	8.370	8.315	8.270	8.230
85.....	8.610	8.560	8.405	8.355	8.295	8.250	8.210
90.....	8.600	8.550	8.390	8.340	8.280	8.230	8.190
95.....	8.590	8.535	8.380	8.325	8.265	8.215	8.170
100.....	8.580	8.520	8.370	8.310	8.250	8.200	8.150
105.....	8.570	8.510	8.360	8.300	8.240	8.190	8.140
110.....	8.555	8.500	8.350	8.290	8.230	8.175	8.125
115.....	8.542	8.485	8.335	8.280	8.215	8.165	8.110
120.....	8.530	8.475	8.325	8.270	8.205	8.155	8.100
125.....	8.517	8.465	8.315	8.260	8.195	8.145	8.090
130.....	8.505	8.450	8.300	8.250	8.185	8.130	8.070
135.....	8.490	8.440	8.290	8.240	8.170	8.120	8.065
140.....	8.480	8.430	8.280	8.230	8.160	8.110	8.050
145.....	8.470	8.420	8.270	8.220	8.150	8.100	8.045

Computed in 1927.

TABLE 15.—*Butter production and receipts at four principal markets; seasonal variation for the four years 1920 to 1923*

[Bureau of Agricultural Economics]

Month	Pro- duction	Re- ceipts ¹	Month	Pro- duction	Re- ceipts ¹
	<i>Per cent</i>	<i>Per cent</i>		<i>Per cent</i>	<i>Per cent</i>
January.....	6.13	6.41	August.....	10.11	10.08
February.....	5.65	5.85	September.....	8.36	8.14
March.....	6.75	7.00	October.....	7.44	7.03
April.....	7.65	6.57	November.....	6.18	5.99
May.....	10.93	9.94	December.....	6.28	6.12
June.....	12.81	14.44			
July.....	11.71	12.43	Total.....	100.00	100.00

¹ New York, Chicago, Philadelphia, and Boston.

TABLE 16.—*Cheese production and receipts at four principal markets; seasonal variation for the four years 1920 to 1923*

Month	Pro- duction	Re- ceipts ¹	Month	Pro- duction	Re- ceipts ¹
	<i>Per cent</i>	<i>Per cent</i>		<i>Per cent</i>	<i>Per cent</i>
January.....	4.84	6.01	August.....	10.17	9.84
February.....	5.02	5.73	September.....	8.99	8.25
March.....	6.51	7.42	October.....	8.39	8.95
April.....	7.98	6.89	November.....	6.01	7.71
May.....	11.65	9.61	December.....	5.12	6.49
June.....	13.68	12.07			
July.....	11.64	11.03	Total.....	100.00	100.00

¹ New York, Chicago, Philadelphia, and Boston.

TABLE 17.—*Seasonal variation in production of Cheddar cheese, ice cream, and condensed and evaporated milk for the four years 1920 to 1923*

Month	Percentage produced each month		
	Ice cream	Con- densed and evap- orated milk	Cheddar cheese
	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>
January.....	3.20	6.34	4.52
February.....	3.42	6.31	4.86
March.....	5.05	7.88	6.48
April.....	6.86	9.61	7.98
May.....	11.05	12.20	11.67
June.....	15.20	12.95	14.11
July.....	16.96	10.43	11.89
August.....	14.18	9.13	10.38
September.....	10.49	7.85	9.03
October.....	6.24	6.88	8.46
November.....	3.90	5.20	5.75
December.....	3.45	5.22	4.87
Total.....	100.00	100.00	100.00

TABLE 18.—*Cooperative selling agencies: Number of members and volume of business for the year 1925*

Kind of association	Membership		Volume of business	
	Asso- cia- tions report- ing	Mem- bers	Asso- cia- tions report- ing	Volume
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Creameries.....	1,287	189,326	1,190	187,852,000
Cheese factories.....	529	19,819	439	17,794,000
Milk marketing.....	124	30,074	104	122,115,000
Miscellaneous dairy.....	48	5,868	42	8,203,000
Total.....	1,988	245,087	1,775	335,964,000

TABLE 19.—*Cooperative selling agencies: Number of members and volume of business for the year 1925, by geographical sections*

Geographic division	Membership		Volume of business	
	Asso- cia- tions report- ing	Mem- bers	Asso- cia- tions report- ing	Volume
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>
New England.....	73	9, 252	64	14, 216, 000
Middle Atlantic.....	109	8, 668	89	12, 856, 000
East North Central.....	804	80, 074	699	78, 966, 000
West North Central.....	837	113, 871	776	101, 667 000
South Atlantic.....	18	2, 562	17	1, 628, 000
East South Atlantic.....	33	5, 130	27	3, 332, 000
West South Atlantic.....	8	835	5	493, 000
Mountain.....	26	4, 937	19	2, 904, 000
Pacific.....	80	19, 758	72	37, 329, 000
United States.....	1, 988	245, 087	1, 768	253, 391, 000

TABLE 20.—*Quantity of milk used to raise a calf at the United States Dairy Experimental Farm, Beltsville, Md.*

[Bureau of Dairy Industry]

Feed	Quantity of feed consumed		
	During first 6 months ¹	During first year ¹	During two years ²
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Milk.....	125. 3	125. 3	125. 3
Skim milk.....	2, 486. 1	2, 486. 1	2, 486. 1
Grain.....	317. 7	883. 3	2, 107. 3
Hay, alfalfa.....	112. 1	566. 1	1, 599. 1
Silage, corn.....	728. 5	3, 647. 5	11, 164. 6

¹ Average of 12 calves.

² Average of 11 calves; 4 of the calves were purebred or grade Holsteins and 7 were purebred or grade Guernseys. Average live weight at 2 years of age, 861 pounds.

TABLE 21.—Unit requirements for producing 100 pounds of milk in different sections of the United States

[Bureau of Dairy Industry]

Item	Indiana ¹		Vermont ²		North Carolina ³	
Average yearly milk production per cow.....pounds..	6,937		5,252		4,915	
Per cent butterfat....	3.8		3.9		-----	
	Winter	Summer	Winter	Summer	Winter	Summer
Grain.....pounds..	38.6	20.0	33.1	8.7	57.8	48.4
Dry roughage.do....	66.8	27.4	129.9	18.7	78.5	36.9
Succulent roughage.....pounds..	147.6	60.1	191.3	27.8	181.5	87.0
Hauling and grinding concentrates....	\$0.03	\$0.14	\$0.02	\$0.005	-----	-----
Bedding.....pounds..	20.3	-----	11.2	-----	\$0.008	-----
Pasture.....acres..	-----	.04	-----	.10	.012	\$0.205
Human labor.....	-----	-----	-----	-----	-----	-----
-----hours.....	2.5	2.2	2.7	2.0	3.6	3.2
Horse labor.....do....	.3	.2	.6	.4	⁵ 1.8	⁵ 1.8
Other costs.....	\$0.385	\$0.393	\$0.555	\$0.425	\$0.537	\$0.495
Credit for calves.....part of calf..	.012	.013	.025	.009	\$0.548	\$0.430
Credit for manure.....pounds..	332	54	382	56		

Item	Washington ⁴		Louisiana ⁶		Nebraska ⁷	
Average yearly milk production per cow.....pounds..	7,833		3,106		5,823	
Per cent butterfat....	3.7		4.4		3.65	
	Winter	Summer	Winter	Summer	Winter	Summer
Grain.....pounds..	29.4	5.2	72.4	52.5	41.2	11.0
Dry roughage.do....	92.9	7.5	38.3	1.9	95.3	51.2
Succulent roughage.....pounds..	143.3	40.4	78.4	8.1	93.6	29.3
Hauling and grinding concentrates....	\$0.022	\$0.003	\$0.095	\$0.050	\$0.016	\$0.004
Bedding.....pounds..	9.0	.1	.3	-----	11.1	.5
Pasture.....acre..	-----	.025	.155	.197	.108	.653
Human labor.....	-----	-----	-----	-----	-----	-----
-----hours.....	1.9	1.3	5.8	5.0	2.0	1.9
Horse labor.....do....	.01	.015	.9	.7	.06	.08
Other costs.....	\$0.576	\$0.406	\$1.220	\$0.803	\$0.869	\$0.889
Credit for calves.....part of calf..	.017	.009	.033	.023	.02	.01
Credit for manure.....pounds..	115	13	128	78	244	20

¹ U. S. Dept. of Agr. Bul. 858.

² U. S. Dept. of Agr. Bul. 923.

³ N. C. Bul. 41, No. 5.

⁴ U. S. Dept. of Agr. Bul. 919.

⁵ Farmers retailed own milk.

⁶ U. S. Dept. of Agr. Bul. 955.

⁷ U. S. Dept. of Agr. Bul. 972.

TABLE 22.—*Statistics of cow-testing associations*

[International Institute of Agriculture at Rome, 1924]

Country	Year begun	Year reported	Number of associations	Dairy cows	Percentage of total dairy cows
Denmark.....	1895	1924	821	394,181	28.8
Netherlands.....	1896	1921	482	155,900	14.4
Sweden.....	1898	1921-22	507	162,986	9.3
New Zealand.....	1909	1922	77	78,578	6.9
Finland.....	1898	1922	267	82,166	6.5
England.....	1914	1923	55	164,000	6.3
Germany.....	1897	1922	1,100	430,242	5.2
Norway.....	1898	1922	150	35,000	4.7
Latvia.....	1904	1922	140	20,535	3.5
Irish Free State.....	1911	1923	153	36,200	2.9
Canada.....	1904	1922	-----	47,895	1.3
United States.....	-----	1922	732	307,072	1.2
Do.....	1906	1927	837	362,014	-----
Czechoslovakia.....	1905	1922	35	10,000	1.1
Japan.....	1911	1922	15	463	.9
Switzerland.....	-----	1922	-----	4,000	.5
Austria.....	¹ 1897	1911	244	16,000	.3
France.....	1910	1920	30	5,000	.08
Belgium.....	1919	1922	-----	273	.03
Scotland.....	1903	1922	40	28,000	-----
New South Wales.....	1903	1922	32	40,000	-----
Italy.....	1922	1922	1	692	-----
Union South Africa.....	-----	1922	-----	540	-----
Victoria.....	-----	1921-22	-----	1,183	-----

¹ Some authorities give 1904.

TABLE 23.—*Number of cow-testing and bull associations in the United States*
[Bureau of Dairy Industry]

Year ended July 1—	Cow-test- ing asso- ciations	Bull asso- ciations	Year ended July 1—	Cow-test- ing asso- ciations	Bull asso- ciations
1906.....	1	None.	1917.....	459	36
1907.....	4	None.	1918.....	353	44
1908.....	6	3	1919.....	385	78
1909.....	25	8	1920.....	468	123
1910.....	40	9	1921.....	452	158
1911.....	64	11	1922.....	513	190
1912.....	82	11	1923.....	627	218
1913.....	100	12	1925 ¹	732	220
1914.....	163	14	1926.....	777	225
1915.....	211	15	1927.....	837	248
1916.....	346	24			

¹ No record made for 1924, and year was changed to Jan. 1.

Number of bulls per bull association, average in each of the 3 years 1918, 1919, 1920, was 5.

Number of cows per bull association, average for the 3-year period, 233.

Number of cows per block in bull associations, average for the 3-year period, 48.

Number of members per bull association, average for the 3-year period, 38.

Number of herds per cow-testing association, average for the 3-year period, 26.2.

Number of cows per cow-testing association, average for the 3-year period, 448.

TABLE 24.—*Yearly records of cow-testing associations in the United States*¹
[Bureau of Dairy Industry]

	466 asso- ciations, 1925-26
Number of cow-years ²	124, 337
Average pounds of milk.....	7, 324
Average butterfat (per cent).....	3. 9
Average pounds of fat.....	289
Average price of butterfat.....	\$0. 59
Average price of product.....	170. 78
Average cost of roughage.....	38. 18
Average cost of grain.....	31. 33
Average total feed cost.....	69. 51
Average income over cost of feed.....	101. 27
Average return for \$1 expended.....	2. 46

¹ The name "Cow-testing associations" has recently been changed to "Dairy-herd improvement associations."

² A cow-year may be the record of 1 cow on test 12 months, or it may be made up of the records of 2 or more cows, the sum of whose testing periods equals 12 months.

The number of cows under test Jan. 1, 1927, was 362,014.

TABLE 25.—*Number and breeds of accredited and once-tested cattle, showing cattle free from tuberculosis, as indicated by tuberculin test, up to June 30, 1920*

[U. S. Department of Agriculture; Circular 142 (YB)]

Breed	Once-tested without reacting		In accredited herds	
	Purebred	Grade	Purebred	Grade
Aberdeen Angus.....	3, 286	2, 095	2, 072	594
Ayrshire.....	2, 315	2, 137	1, 291	274
Brown Swiss.....	686	350	387	63
Devon.....	82	25	34	6
Dutch Belted.....	48	271	18	8
Galloway.....	123	143	38	40
Guernsey.....	9, 049	15, 538	6, 651	6, 003
Hereford.....	13, 014	6, 277	5, 117	1, 816
Polled Hereford.....	1, 120	197	777	122
Holstein-Friesian.....	26, 916	45, 859	11, 141	12, 599
Jersey.....	18, 045	56, 160	10, 369	9, 525
Red Polled.....	1, 675	1, 265	1, 189	155
Shorthorn.....	20, 249	29, 601	7, 606	3, 237
Milking Shorthorn.....	162	287	11	15
Polled Shorthorn.....	368	234	320	58
Total.....	97, 138	160, 439	47, 021	34, 515

A plan was adopted in 1917 by the Federal and State authorities to eradicate tuberculosis. This plan provides for "accredited herds."

An accredited herd is one which has been tuberculin-tested by the subcutaneous method, or any other test approved by the Bureau of Animal Industry, under the supervision of the Bureau of Animal Industry, or of a regularly employed veterinary inspector of a State in which cooperative tuberculosis-eradication work is conducted by the United States Department of Agriculture and the State. Further, it shall be a herd in which no animal affected with tuberculosis has been found upon two annual or three semiannual tuberculin tests, as described above, and by physical examination.

On June 30, 1921, there were in the United States 8,201 accredited herds and 49,814 once-tested free herds.

TABLE 26.—*Tuberculosis eradication: Number of accredited, once tested and under supervision, herds and cattle, to September 1, 1927*

[Bureau of Animal Industry]

State	Once tested, free		Total accredited		Total under supervision	
	Herds	Cattle	Herds	Cattle	Herds	Cattle
Ala.....	4,671	48,442	236	11,818	6,682	65,183
Ariz.....	7,715	96,545	39	2,076	7,763	98,626
Ark.....	2,886	12,111	18	755	4,678	22,911
Calif.....	4,415	167,807	121	7,573	4,571	203,819
Colo.....	2,345	14,800	140	3,877	2,745	25,209
Conn.....	2,859	21,173	1,281	24,848	5,602	61,528
Del.....	2,701	9,807	1,547	7,736	4,939	20,771
D. C.....	253	450	26	541	286	1,262
Fla.....	6,941	73,288	414	17,490	7,798	115,121
Ga.....	5,218	43,738	40	2,459	5,262	46,453
Idaho.....	27,999	286,623	60	1,871	31,315	333,685
Ill.....	115,109	800,006	1,263	35,770	129,036	1,139,416
Ind.....	83,155	506,763	31,681	240,236	120,907	805,563
Iowa.....	85,144	1,169,798	7,562	174,606	144,502	2,462,032
Kans.....	48,728	527,157	773	21,828	49,992	572,766
Ky.....	64,945	454,225	59	2,538	65,678	451,605
La.....	5,882	58,235	29	1,700	6,249	69,821
Me.....	28,435	173,011	3,042	23,335	31,887	199,418
Md.....	8,206	8,527	4,678	52,170	19,698	130,670
Mass.....	1,471	14,677	526	11,331	2,915	33,962
Mich.....	128,989	967,900	84	2,963	135,311	1,052,832
Minn.....	43,101	775,417	8,458	182,157	56,698	1,084,446
Miss.....	5,289	49,309	88	4,580	5,377	53,889
Mo.....	59,125	524,768	956	33,228	62,529	675,543
Mont.....	26,752	362,702	91	4,748	27,379	472,058
Nebr.....	50,361	617,339	104	4,294	50,855	629,178
Nev.....	1,011	15,099	10	747	1,211	23,099
N. H.....	2,525	21,128	2,571	27,318	5,144	60,102
N. J.....	2,535	8,604	1,503	9,574	4,496	22,770
N. Mex.....	167	8,398	17	1,622	185	9,974
N. Y.....	41,946	304,161	40,520	394,531	97,849	1,000,481
N. C.....	236,943	609,545	338	10,606	237,595	622,783
N. Dak.....	36,098	579,273	4,576	92,688	45,357	780,341
Ohio.....	123,456	786,714	647	12,806	127,615	892,561
Okla.....	118	3,125	246	8,951	383	13,835
Oreg.....	26,284	175,743	409	9,183	26,729	184,967
Pa.....	79,314	433,185	4,520	73,646	97,894	681,936
R. I.....	101	1,133	49	1,159	285	4,648
S. C.....	30,654	83,756	142	4,374	30,869	90,309
S. Dak.....	8,091	149,652	1,036	24,059	9,352	179,411
Tenn.....	20,481	114,334	333	9,788	20,953	127,471
Tex.....	349	4,101	195	9,120	715	22,347
Utah.....	10,578	64,160	97	2,762	11,527	91,969
Vt.....	2,821	44,582	4,777	90,684	10,773	168,153
Va.....	10,467	50,982	2,175	53,795	12,924	116,611
Wash.....	34,150	312,703	69	2,618	36,063	390,687
W. Va.....	26,374	117,681	1,080	13,960	27,472	151,610
Wis.....	99,821	1,517,466	9,657	206,919	113,621	1,807,737
Wyo.....	8,200	96,980	4	238	9,352	113,325
Total.....	1,025,180	13,287,128	138,287	1,937,676	1,919,018	18,384,894

TABLE 27.—*Cows and heifers, 2 years old and over, kept for milk: Estimated number Jan. 1, 1920-27, by States*

State and division	Number, Jan. 1 (000 omitted)							
	1920 ¹	1921	1922	1923	1924	1925	1926	1927 ²
Maine.....	176	171	165	162	160	156	150	148
New Hampshire....	98	96	94	90	86	85	80	78
Vermont.....	292	298	302	303	298	287	288	285
Massachusetts.....	150	154	160	164	157	148	140	138
Rhode Island.....	22	22	23	23	22	22	22	21
Connecticut.....	114	115	115	116	116	118	116	110
New York.....	1,499	1,477	1,462	1,449	1,422	1,383	1,362	1,318
New Jersey.....	131	130	127	126	124	123	123	119
Pennsylvania.....	893	893	900	925	898	889	862	845
North Atlantic.....	3,375	3,356	3,348	3,358	3,283	3,211	3,143	3,062
Ohio.....	918	927	936	936	964	964	945	926
Indiana.....	659	653	659	652	659	679	665	645
Illinois.....	1,047	1,027	997	1,029	1,029	1,049	1,039	988
Michigan.....	824	815	823	831	847	850	858	841
Wisconsin.....	1,832	1,858	1,882	1,921	1,981	2,015	2,055	2,014
Minnesota.....	1,359	1,405	1,503	1,525	1,535	1,560	1,560	1,529
Iowa.....	1,120	1,120	1,160	1,220	1,280	1,341	1,341	1,314
Missouri.....	800	792	799	799	805	835	827	827
North Dakota.....	430	426	440	457	494	520	530	498
South Dakota.....	467	462	480	500	520	544	539	534
Nebraska.....	535	540	594	606	612	625	625	613
Kansas.....	695	709	723	730	737	760	730	715
North Central.....	10,686	10,734	10,996	11,206	11,463	11,742	11,714	11,444
Delaware.....	33	32	32	33	34	34	35	35
Maryland.....	166	169	172	174	179	184	182	178
Virginia.....	377	384	392	402	385	376	347	326
West Virginia.....	193	197	201	207	215	225	221	207
North Carolina.....	300	306	312	309	306	312	303	303
South Carolina.....	195	193	187	185	182	176	155	158
Georgia.....	408	396	396	376	366	354	340	343
Florida.....	73	75	78	82	82	70	74	78
South Atlantic.....	1,745	1,752	1,770	1,768	1,749	1,731	1,657	1,628
Kentucky.....	455	450	450	462	457	473	464	464
Tennessee.....	445	445	453	467	458	462	434	425
Alabama.....	420	410	390	380	370	365	340	350
Mississippi.....	475	451	446	437	433	411	379	379
Arkansas.....	450	428	436	396	378	382	374	374
Louisiana.....	220	209	204	203	205	206	200	210
Oklahoma.....	564	536	556	564	564	582	570	581
Texas.....	930	948	995	1,004	1,014	985	936	973
South Central.....	3,959	3,877	3,930	3,913	3,869	3,866	3,697	3,756
Montana.....	148	148	155	162	174	187	192	188
Idaho.....	118	122	128	134	147	160	163	170
Wyoming.....	55	57	59	62	64	66	69	70
Colorado.....	202	202	206	209	217	224	224	224
New Mexico.....	58	61	63	63	63	64	64	64
Arizona.....	35	30	35	36	36	37	32	35
Utah.....	72	72	75	80	84	87	88	89
Nevada.....	14	15	16	17	18	19	20	20
Washington.....	245	250	255	270	275	283	275	264
Oregon.....	200	202	202	205	218	225	214	214
California.....	515	530	550	580	595	579	596	596
Western.....	1,662	1,689	1,744	1,818	1,891	1,931	1,937	1,934
United States.....	21,427	21,408	21,788	22,063	22,255	22,481	22,148	21,824

¹ Based on analysis and interpretation of dairy cows and heifers and beef cow and heifer figures, census of 1920.

² Based on analysis and interpretation of dairy cows and heifers, beef cows and heifers, and cows milked, preliminary.

TABLE 28.—*Dairy cows and other cattle on farms in the United States from 1840 to 1925*

[Bureau of the Census]

Year	Milk cows on farms ¹	Other cattle on farms	Year	Milk cows on farms ¹	Other cattle on farms
1840-----	4, 837, 043	10, 171, 586	1890-----	16, 511, 950	33, 734, 128
1850-----	6, 385, 094	11, 393, 813	1900-----	17, 135, 633	50, 083, 777
1860-----	8, 585, 735	17, 034, 284	1910-----	20, 625, 432	41, 178, 434
1870-----	8, 935, 332	13, 566, 005	1920-----	² 19,675, 297	47, 139, 059
1880-----	12, 443, 120	22, 488, 550	1925-----	³ 20,899, 647	40, 672, 105

¹ The number of cows kept in towns and villages were estimated at 2,000,000 up to 1920 and 1,200,000 since that date.

² Dairy breeds only. The census figures are for June 1, except for 1910, which is for Apr. 15; and 1920 and 1925 which were for Jan. 1.

³ Number of dairy and beef cows milked, and does not include the dry cows nor the heifers 2 years old not freshened in 1924.

TABLE 29.—*Number and percentages of cattle of various breeds in the United States, 1920*

[Bureau of Agricultural Economics]

Cattle	Total in United States		North Atlantic States	North Central, East	North Central, West	South Atlantic	South Central	Far West
	Number	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
Aberdeen Angus-----	2, 479, 000	3.6	0.3	3.6	6.9	2.9	3.1	0.8
Ayrshire-----	412, 000	.6	4.8	.4	.3	.3	-----	.2
Brown Swiss-----	170, 000	.3	.4	.7	.2	.1	-----	.1
Devon-----	175, 000	.3	.4	.1	.1	.7	.3	.4
Dutch Belted-----	157, 000	.2	.4	.1	.1	.1	.7	-----
Galloway-----	534, 000	.8	.1	.7	1.8	.2	.3	.3
Guernsey-----	1, 993, 000	2.9	8.8	6.3	1.9	3.6	.4	1.3
Hereford-----	14, 302, 000	21.0	1.7	7.8	24.2	9.1	22.5	40.9
Holstein-----	11, 069, 000	16.2	54.0	29.3	8.7	9.0	5.2	14.9
Jersey-----	9, 554, 000	14.0	14.3	15.3	4.8	29.5	23.8	8.8
Polled Durham-----	1, 033, 000	1.5	.1	1.8	1.9	.4	2.4	.9
Red Polled-----	1, 772, 000	2.6	.2	1.7	3.3	1.6	5.4	.5
Shorthorn-----	15, 429, 000	22.6	5.4	23.3	36.2	9.5	15.9	21.9
Other breeds-----	2, 107, 000	3.1	2.2	2.1	2.3	6.8	4.9	1.8
Nondescript-----	7, 044, 000	10.3	6.9	6.8	7.3	26.2	15.0	7.2
Total-----	68, 230, 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The information was brought out by an inquiry sent to 14,000 special livestock reporters of the bureau. Grades and scrubs were included in the breed in which the type predominated.

TABLE 30.—*Livestock on farms and elsewhere—Number of purebred dairy cattle on farms, classified according to breed and sex, with number of all purebred cattle, by sex, by divisions and States: 1920*

[Figures for males represent bulls and bull calves]

Division and State	All purebred cattle			All dairy breeds			Ayrshire			Brown Swiss		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
United States.....	1,981,514	583,725	1,397,789	916,602	196,533	720,069	30,509	4,983	25,526	8,283	1,953	6,330
Geographic divisions:												
New England.....	93,289	18,750	74,539	85,724	16,882	68,842	9,780	1,524	8,256	349	72	277
Middle Atlantic.....	248,106	47,012	201,094	239,764	44,661	195,103	12,883	1,845	11,038	1,904	198	1,706
East North Central.....	457,331	114,906	342,425	289,859	64,397	225,462	3,735	653	3,082	4,199	1,166	3,033
West North Central.....	639,219	212,572	426,647	106,967	28,343	78,624	1,859	421	1,438	1,386	364	1,022
South Atlantic.....	76,851	19,738	57,113	49,119	10,303	38,816	519	84	435	43	21	22
East South Central.....	70,993	19,527	51,466	34,651	6,442	28,209	27	10	17	3	3	-----
West South Central.....	181,343	59,765	121,578	43,268	8,325	34,943	60	17	43	13	7	6
Mountain.....	138,722	65,732	72,990	22,534	5,712	16,822	324	77	247	146	50	96
Pacific.....	75,660	25,723	49,937	44,716	11,468	33,248	1,322	352	970	240	72	168
New England:												
Maine.....	18,202	4,146	14,056	15,683	3,511	12,172	1,134	176	958	62	13	49
New Hampshire.....	12,656	2,453	10,203	10,750	2,001	8,749	1,214	155	1,059	75	8	67
Vermont.....	29,758	6,334	23,424	28,549	5,966	22,583	3,808	680	3,128	59	25	34
Massachusetts.....	19,993	3,400	16,593	18,807	3,177	15,630	1,880	248	1,632	80	14	66
Rhode Island.....	1,719	317	1,402	1,651	307	1,344	494	77	417	-----	-----	-----
Connecticut.....	10,961	2,100	8,861	10,284	1,920	8,364	1,250	188	1,062	73	12	61

TABLE 30.—*Livestock on farms and elsewhere—Number of purebred dairy cattle on farms, classified according to breed and sex, with number of all purebred cattle, by sex, by divisions and States: 1920—Continued*

[Figures for males represent bulls and bull calves]

Division and State	All purebred cattle			All dairy breeds			Ayrshire			Brown Swiss		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
Middle Atlantic:												
New York.....	155, 185	25, 753	129, 432	153, 037	25, 228	127, 809	9, 521	1, 351	8, 170	1, 347	91	1, 256
New Jersey.....	11, 631	1, 692	9, 939	11, 538	1, 676	9, 862	265	39	226	23	4	19
Pennsylvania.....	81, 290	19, 567	61, 723	75, 189	17, 757	57, 432	3, 097	455	2, 642	534	103	431
East North Central:												
Ohio.....	95, 384	16, 504	79, 880	70, 882	9, 442	61, 440	1, 021	106	915	324	79	245
Indiana.....	50, 624	12, 130	38, 494	21, 115	3, 963	17, 152	509	77	432	131	33	98
Illinois.....	109, 996	29, 479	80, 517	36, 412	8, 055	28, 357	202	34	168	1, 385	376	1, 009
Michigan.....	62, 800	13, 942	48, 858	46, 533	8, 519	38, 014	291	69	222	429	121	308
Wisconsin.....	137, 527	42, 851	94, 676	114, 917	34, 418	80, 499	1, 712	367	1, 345	1, 930	557	1, 373
West North Central:												
Minnesota.....	88, 696	32, 994	55, 702	32, 668	11, 232	21, 436	399	127	272	483	160	323
Iowa.....	171, 645	54, 063	117, 582	20, 286	4, 832	15, 454	271	48	223	447	102	345
Missouri.....	103, 939	26, 405	76, 534	19, 037	3, 360	15, 677	110	33	77	135	21	114
North Dakota.....	33, 821	13, 722	20, 099	4, 797	1, 427	3, 370	226	44	182	23	8	15
South Dakota.....	62, 348	24, 634	37, 714	5, 248	1, 544	3, 704	85	27	58	119	34	85
Nebraska.....	82, 047	31, 044	51, 003	7, 873	1, 951	5, 922	74	15	59	38	6	22
Kansas.....	97, 723	29, 710	68, 013	17, 058	3, 997	13, 061	694	127	567	141	33	108
South Atlantic:												
Delaware.....	1, 707	468	1, 239	1, 691	464	1, 227	1	1	-----	-----	-----	-----
Maryland.....	9, 583	2, 344	7, 244	8, 668	2, 030	6, 638	113	18	95	9	3	6
District of Columbia.....	186	32	154	186	32	154	-----	-----	-----	-----	-----	-----
Virginia.....	17, 777	5, 650	12, 727	9, 586	2, 251	7, 335	25	6	19	-----	-----	-----

West Virginia-----	12, 485	3, 605	8, 880	4, 450	725	3, 725	272	31	241	32	17	15
North Carolina-----	10, 782	2, 738	8, 044	7, 697	1, 781	5, 916	44	14	30	1	---	1
South Carolina-----	6, 864	1, 389	5, 475	5, 184	910	4, 274	4	3	1	---	---	---
Georgia-----	13, 124	3, 225	9, 899	8, 727	1, 694	7, 033	14	7	7	1	1	---
Florida-----	4, 338	3, 887	3, 451	2, 930	416	2, 514	46	4	42	---	---	---
East South Central:												
Kentucky-----	19, 693	4, 501	15, 192	8, 829	1, 192	7, 637	20	6	14	---	---	---
Tennessee-----	24, 666	6, 561	18, 105	11, 347	1, 637	9, 710	2	2	---	1	1	---
Alabama-----	10, 633	3, 327	7, 306	6, 108	1, 475	4, 633	4	1	3	2	2	---
Mississippi-----	16, 001	5, 138	10, 863	8, 367	2, 138	6, 229	1	1	---	---	---	---
West South Central:												
Arkansas-----	13, 486	4, 097	9, 389	6, 950	1, 501	5, 449	3	2	1	1	---	1
Louisiana-----	6, 493	1, 999	4, 999	3, 415	835	2, 580	1	1	---	2	2	---
Oklahoma-----	48, 252	16, 073	32, 179	9, 539	2, 006	7, 533	37	10	27	3	1	2
Texas-----	113, 107	37, 595	75, 511	23, 364	3, 983	19, 381	19	4	15	7	4	3
Mountain:												
Montana-----	22, 994	9, 866	13, 128	3, 451	825	2, 626	13	2	11	54	20	34
Idaho-----	19, 376	8, 878	10, 498	4, 138	1, 115	3, 023	46	9	37	48	14	31
Wyoming-----	17, 530	9, 181	8, 349	1, 071	273	798	21	4	17	14	2	12
Colorado-----	33, 610	15, 175	18, 434	6, 448	1, 799	4, 649	114	46	68	30	14	16
New Mexico-----	18, 727	8, 606	10, 121	1, 327	378	949	---	---	---	---	---	---
Arizona-----	8, 455	4, 097	4, 358	2, 772	620	2, 152	109	8	101	---	---	---
Utah-----	13, 856	7, 623	6, 233	2, 922	600	2, 322	---	---	---	---	---	---
Nevada-----	4, 174	2, 305	1, 869	405	102	303	21	8	13	---	---	---
Pacific:												
Washington-----	18, 560	5, 956	12, 604	12, 720	3, 410	9, 310	404	120	284	69	17	52
Oregon-----	24, 712	8, 549	16, 163	12, 852	2, 978	9, 874	323	74	249	135	36	99
California-----	32, 388	11, 218	21, 170	19, 144	5, 080	14, 064	595	158	437	36	19	17

TABLE 30.—*Livestock on farms and elsewhere—Number of purebred dairy cattle on farms, classified according to breed and sex, with number of all purebred cattle, by sex, by divisions and States: 1920—Continued*

[Figures for males represent bulls and bull calves]

Division and State	Guernsey			Holstein-Friesian			Jersey			All other dairy breeds ¹		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
United States.....	79,446	22,651	56,795	528,621	122,442	406,179	231,834	35,359	196,475	37,909	9,145	28,764
Geographic divisions:												
New England.....	10,311	2,465	7,846	42,721	9,341	33,380	20,305	3,047	17,258	2,258	433	1,825
Middle Atlantic.....	21,114	4,994	16,120	171,124	32,843	138,281	25,815	3,505	22,310	6,924	1,276	5,648
East North Central.....	29,640	9,129	20,511	185,475	43,202	142,273	57,167	8,228	48,939	9,643	2,019	7,624
West North Central.....	8,250	2,886	5,364	62,055	18,021	44,034	23,697	3,576	20,121	9,720	3,075	6,645
South Atlantic.....	5,949	1,758	4,191	15,445	4,249	11,196	25,245	3,780	21,465	1,918	411	1,507
East South Central.....	298	98	200	5,902	1,814	4,088	27,024	4,145	22,879	1,397	372	1,025
West South Central.....	263	72	191	9,724	2,939	6,785	30,650	4,726	25,924	2,558	564	1,994
Mountain.....	838	286	552	12,689	3,477	9,212	6,926	1,184	5,742	1,611	638	1,973
Pacific.....	2,783	963	1,820	23,486	6,556	16,930	15,005	3,168	11,837	1,880	357	1,523
New England:												
Maine.....	1,836	529	1,307	7,206	1,915	5,291	4,999	792	4,207	446	86	360
New Hampshire.....	1,151	255	896	6,695	1,307	5,388	1,348	202	1,146	267	74	193
Vermont.....	2,193	722	1,471	13,413	2,979	10,434	8,446	1,444	7,002	630	116	514
Massachusetts.....	3,348	601	2,747	10,006	1,880	8,126	2,904	326	2,578	589	108	481
Rhode Island.....	217	47	170	542	137	405	351	40	311	47	6	41
Connecticut.....	1,566	311	1,255	4,859	1,123	3,736	2,257	243	2,014	279	43	236

TABLE 30.—*Livestock on farms and elsewhere—Number of purebred dairy cattle on farms, classified according to breed and sex, with number of all purebred cattle, by sex, by divisions and States: 1920—*
Continued

Division and State	Guernsey			Holstein-Friesian			Jersey			All other dairy breeds		
	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females
West South Central:												
Arkansas-----	19	7	12	2,001	746	1,255	4,627	649	3,978	299	97	202
Louisiana-----	94	28	66	1,009	301	708	2,201	456	1,745	108	47	61
Oklahoma-----	91	23	68	3,741	1,019	2,722	5,104	799	4,305	563	154	409
Texas-----	59	14	45	2,973	873	2,100	18,718	2,822	15,896	1,588	266	1,322
Mountain:												
Montana-----	176	70	106	2,453	581	1,872	560	89	471	195	63	132
Idaho-----	197	55	142	2,049	623	1,426	1,579	354	1,225	219	60	159
Wyoming-----	31	8	23	747	188	559	167	13	154	91	53	33
Colorado-----	241	90	151	4,057	1,151	2,906	1,605	301	1,304	401	197	204
New Mexico-----	42	14	28	438	135	303	507	105	402	340	124	216
Arizona-----	48	16	32	1,778	467	1,311	669	87	582	168	42	126
Utah-----	93	28	65	1,970	274	696	1,706	217	1,489	153	81	72
Nevada-----	10	5	5	197	58	139	133	18	115	44	13	31
Pacific:												
Washington-----	941	388	553	7,673	2,067	5,606	3,402	752	2,650	231	60	165
Oregon-----	697	262	435	3,624	1,069	2,615	7,771	1,529	6,242	302	68	234
California-----	1,145	313	832	12,189	3,480	8,709	3,832	887	2,945	1,347	223	1,124

TABLE 31.—Purebred cattle: Imports by breeds from 1885 to 1926, inclusive

[Bureau of Animal Industry]

Breed	Number	Breed	Number
Angeler.....	14	Hereford.....	1,464
Angus.....	1,177	Highland.....	66
Ayrshire.....	2,867	Holstein.....	3,352
Zebu (buffalo).....	110	Jersey.....	8,914
Danish.....	1	Kerry and Dexter.....	243
Devon.....	51	Red Polled.....	543
Dutch Belted.....	69	Simmenthal.....	24
Shorthorn.....	3,048	Sussex.....	35
French.....	62	Brown Swiss.....	87
French Canadian.....	1		
Galloway.....	544	Total.....	34,489
Guernsey.....	11,817		

The figures for 1919, 1920, and 1921 include only those brought from overseas, as data on purebreds from Canada were not available. Records of importations from Canada were incomplete for a large portion of this period. The figures from 1922 to 1925 are for cattle for which certificates of registry as purebred were issued.

TABLE 32.—Number of cattle registered by the Ayrshire Breeders' Association

[Secretary of the Ayrshire Breeders' Association]

Year	Bulls and cows	Year	Bulls and cows
1910.....	3,233	1916.....	4,033
1911.....	4,798	1917.....	4,944
1912.....	2,884	1918.....	8,494
1913.....	3,950	1919.....	6,148
1914.....	4,912	1920.....	6,809
1915.....	4,439	1921.....	5,874

Year	Bulls	Cows	Total	Year	Bulls	Cows	Total
1922.....	1,565	4,816	6,381	1925.....	1,561	5,972	7,533
1923.....	1,578	5,975	7,553	1926.....	1,720	6,142	7,862
1924.....	1,431	5,503	6,939				

TABLE 33.—*Number of cattle registered by the American Guernsey Cattle Club*

[Secretary of the American Guernsey Cattle Club]

Year	Bulls	Cows	Total	Year	Bulls	Cows	Total
1900-----	608	896	1,504	1914-----	4,348	6,937	11,285
1901-----	647	1,172	1,819	1915-----	4,765	6,535	11,300
1902-----	726	1,267	1,993	1916-----	5,030	7,654	12,684
1903-----	746	1,289	2,035	1917-----	6,167	9,366	15,533
1904-----	737	1,261	1,998	1918-----	6,108	9,356	15,464
1905-----	847	1,612	2,459	1919-----	7,648	11,781	19,429
1906-----	950	1,964	2,914	1920-----	7,427	11,956	19,383
1907-----	1,118	1,966	3,084	1921-----	8,036	13,971	22,007
1908-----	1,291	2,191	3,482	1922-----	8,065	14,007	22,072
1909-----	1,841	3,836	5,677	1923-----	9,758	16,976	26,734
1910-----	2,420	4,194	6,614	1924-----	10,301	18,166	28,467
1911-----	2,402	4,001	6,403	1925-----	11,299	20,742	32,041
1912-----	2,942	4,578	7,520	1926-----	12,392	22,298	34,690
1913-----	3,653	5,642	9,295	1927-----	12,777	22,694	35,473

TABLE 34.—*Number of cattle registered by the Holstein-Friesian Association of America*

[Secretary, Holstein-Friesian Association]

Year ended Apr. 30—	Bulls	Cows	Total	Year ended Apr. 30—	Bulls	Cows	Total
1900-----	1,365	3,381	4,746	1914-----	18,336	29,750	48,086
1901-----	1,460	3,648	5,108	1915-----	25,617	42,063	67,680
1902-----	1,738	4,252	5,990	1916-----	26,116	46,549	72,665
1903-----	2,088	4,753	6,841	1917-----	24,749	49,098	73,847
1904-----	2,477	5,567	8,044	1918-----	28,730	59,549	88,279
1905-----	3,226	6,547	9,773	1919-----	30,298	60,589	90,887
1906-----	3,842	7,918	11,760	1920-----	36,791	77,712	114,503
1907-----	4,841	9,809	14,650	1921-----	39,585	88,265	127,850
1908-----	5,684	10,850	16,534	1922-----	30,631	83,141	113,772
1909-----	7,021	12,570	19,591	1923-----	29,089	86,043	115,132
1910-----	9,689	16,487	26,176	1924-----	28,209	83,320	111,529
1911-----	12,472	20,417	32,889	1925-----	26,935	82,659	109,594
1912-----	13,743	23,792	37,535	1926-----	28,117	82,971	111,088
1913-----	16,364	26,951	43,315				

TABLE 35.—*Number of cattle registered by the American Jersey Cattle Club*

[Secretary, American Jersey Cattle Club]

Year	Bulls	Cows	Total	Year	Bulls	Cows	Total
1900.....	2,798	8,750	11,548	1914.....	10,079	22,861	32,940
1901.....	2,567	8,045	10,612	1915.....	9,475	22,957	32,432
1902.....	2,471	7,580	10,051	1916.....	10,242	24,997	35,239
1903.....	2,370	7,240	9,610	1917.....	14,446	33,960	48,406
1904.....	2,373	7,464	9,837	1918.....	8,904	25,398	34,302
1905.....	2,640	7,735	10,375	1919.....	10,906	30,424	41,330
1906.....	3,019	8,652	11,671	1920.....	11,669	32,162	43,831
1907.....	3,752	9,383	13,135	1921.....	11,213	31,123	42,336
1908.....	4,148	10,135	14,283	1922.....	11,651	33,801	45,452
1909.....	5,249	12,513	17,762	1923.....	12,291	38,159	50,450
1910.....	6,333	14,509	20,842	1924.....	12,331	39,832	52,163
1911.....	7,229	16,282	23,511	1925.....	12,131	41,725	53,856
1912.....	7,562	16,591	24,153	1926.....	12,837	42,915	55,752
1913.....	9,147	19,481	28,628				

TABLE 36.—*Number and value of cattle imported into the United States for all purposes*

[Foreign Commerce and Navigation Reports (YB)]

Year ended June 30—	Cattle		Yearended June 30 ¹ —	Cattle	
	Number	Value		Number	Value
1900.....	181,006	\$2,257,694	1914.....	868,368	\$18,696,718
1901.....	146,022	1,931,433	1915.....	538,167	17,513,175
1902.....	96,027	1,608,722	1916.....	439,185	15,187,593
1903.....	66,175	1,161,548	1917.....	374,826	13,021,259
1904.....	16,056	310,737	1918.....	293,719	17,852,176
1905.....	27,855	458,572	1919.....	440,399	36,995,921
1906.....	29,019	548,430	1920.....	575,328	45,081,179
1907.....	32,402	565,122	1921.....	329,974	23,634,361
1908.....	92,356	1,507,310	1922 ¹	238,309	5,987,017
1909.....	139,184	1,999,422	1923.....	140,455	4,323,289
1910.....	195,938	2,999,824	1924.....	144,432	4,915,270
1911.....	182,923	2,953,077	1925.....	174,381	5,148,192
1912.....	318,372	4,805,574	1926.....	219,584	6,133,679
1913.....	421,649	6,640,668			

¹ Changed to calendar year for 1922 and thereafter.

NOTE.—The number of cattle imported from July 1 to Dec. 31, 1921, was 87,475, valued at \$3,069,564.

TABLE 37.—*Number and value of cattle exported from the United States*

[Foreign Commerce and Navigation Reports (YB)]

Year ended June 30—	Cattle		Year ended June 30—	Cattle	
	Number	Value		Number	Value
1900.....	397, 286	\$30, 635, 153	1914.....	18, 376	\$647, 288
1901.....	459, 218	37, 566, 980	1915.....	5, 484	702, 847
1902.....	392, 884	29, 902, 212	1916.....	21, 287	2, 378, 248
1903.....	402, 178	29, 848, 936	1917.....	13, 387	949, 503
1904.....	593, 409	42, 256, 291	1918.....	18, 213	1, 247, 800
1905.....	567, 806	40, 598, 048	1919.....	42, 345	2, 092, 816
1906.....	584, 239	42, 081, 170	1920.....	83, 039	11, 921, 518
1907.....	423, 051	34, 577, 392	1921.....	145, 623	10, 950, 507
1908.....	349, 210	29, 339, 134	1922 ¹	111, 207	7, 408, 439
1909.....	207, 542	18, 046, 976	1923.....	37, 194	1, 878, 010
1910.....	139, 430	12, 200, 154	1924.....	60, 959	1, 511, 472
1911.....	150, 100	13, 163, 920	1925.....	80, 565	2, 387, 801
1912.....	105, 506	8, 870, 075	1926.....	22, 602	1, 310, 508
1913.....	24, 714	1, 177, 199			

¹ Since 1921, the figures are for the calendar year.TABLE 38.—*Milk production in the United States*

[Bureau of the Census]

Year	Milk production	Remarks
	<i>Gallons</i>	
1869	235, 500, 599	Sold from farms.
1879	530, 129, 755	Do.
1889	5, 210, 125, 567	
1899	7, 728, 583, 349	Including milk from town cows.
1909	7, 466, 406, 384	Estimate by Bureau of the Census.
1919	7, 805, 143, 792	Do.
1924	9, 198, 303, 635	

TABLE 39.—*Production and uses of milk: Estimates for the United States*

[Million pounds, i. e., 000,000 omitted]

Product	1917		1918		1919		1920	
	Lbs.	Per cent	Lbs.	Per cent	Lbs.	Per cent	Lbs.	Per cent
Total milk production.....	84, 612	100	87, 906	100	90, 058	100	89, 657	100
Creamery butter.....	34, 664	41	16, 800	19. 1	18, 375	20. 4	18, 135	20. 2
Farm butter.....			14, 910	16. 9	14, 385	16. 0	14, 175	15. 8
Cheese.....	4, 200	5	4, 000	4. 5	4, 200	4. 7	3, 624	4. 0
Condensed milk.....	2, 438	2. 9	4, 000	4. 5	4, 813	5. 3	3, 945	4. 4
Ice cream.....	3, 150	3. 7	3, 300	3. 8	3, 450	3. 8	3, 575	4. 0
Other products.....			50	. 1	216	. 2	222	. 3
Household use.....	36, 500	43. 1	38, 900	44. 3	38, 619	42. 9	39, 090	43. 6
Fed to calves.....	3, 660	4. 3	3, 748	4. 3	3, 500	3. 9	4, 202	4. 7
Waste or loss.....			2, 198	2. 5	2, 500	2. 8	2, 689	3. 0

Product	1921		1922		1923		1924	
	Lbs.	Per cent	Lbs.	Per cent	Lbs.	Per cent	Lbs.	Per cent
Total milk production.....	98, 862	100	102, 562	100	109, 736	100	114, 666	100
Creamery butter.....	22, 154	22. 4	24, 224	23. 6	26, 296	24. 0	28, 578	24. 9
Farm butter.....	13, 650	13. 8	13, 125	12. 8	12, 810	11. 7	12, 600	11. 0
Cheese.....	3, 558	3. 6	3, 750	3. 7	3, 989	3. 6	4, 179	3. 7
Condensed milk.....	3, 660	3. 7	3, 578	3. 5	4, 437	4. 0	4, 251	3. 7
Ice cream.....	3, 355	3. 4	3, 623	3. 5	4, 055	3. 7	3, 926	3. 4
Other products.....	116	. 1	177	. 2	243	. 2	277	. 2
Household use.....	45, 143	45. 7	46, 673	45. 5	50, 440	46. 0	52, 772	46. 0
Fed to calves.....	4, 260	4. 3	4, 335	4. 2	4, 174	3. 8	4, 643	4. 1
Waste or loss.....	2, 966	3. 0	3, 077	3. 0	3, 292	3. 0	3, 440	3. 0

Product	1925		1926	
	Pounds	Per cent	Pounds	Per cent
Total production.....	116, 505	100	120, 766	100
Creamery butter.....	28, 592	24. 5	30, 487	25. 3
Farm butter.....	12, 390	10. 6	12, 915	10. 7
Cheese.....	4, 475	3. 9	4, 274	3. 5
Condensed milk.....	4, 395	3. 8	4, 334	3. 6
Ice cream.....	4, 438	3. 8	4, 464	3. 7
Other products.....	347	. 3	310	. 2
Household use.....	54, 326	46. 6	56, 417	46. 7
Fed to calves.....	4, 047	3. 5	3, 942	3. 3
Waste or loss.....	3, 495	3. 0	3, 623	3. 0

TABLE 40.—*Annual receipts of market milk in New York, Philadelphia, and Boston*

Year	New York City ¹	Philadelphia	Boston ²
	<i>Gallons</i>	<i>Gallons</i>	<i>Gallons</i>
1893-----	85,910,050	-----	-----
1895-----	92,202,650	-----	-----
1900-----	115,022,450	-----	-----
1905-----	158,994,000	30,100,242	-----
1906-----	175,021,150	32,412,845	28,558,491
1907-----	179,966,900	33,932,797	27,470,547
1908-----	178,897,450	32,590,749	25,957,819
1909-----	187,091,700	36,198,715	27,020,734
1910-----	200,049,100	37,657,204	25,151,590
1911-----	212,170,850	40,625,144	22,523,193
1912-----	217,634,900	40,841,772	26,004,808
1913-----	226,675,950	43,354,701	26,826,712
1914-----	229,785,750	43,433,961	25,909,556
1915-----	240,144,450	44,607,224	27,376,987
1916-----	243,929,500	47,846,966	29,629,053
1917-----	246,597,650	46,714,093	35,180,444
1918-----	260,547,370	48,338,655	36,578,654
1919-----	279,686,190	53,953,142	39,177,071
1920-----	307,431,106	56,743,134	41,595,081
1921-----	326,316,250	60,320,745	42,348,423
1922-----	349,835,640	64,061,997	44,606,533
1923-----	368,926,510	70,357,846	46,172,122
1924-----	385,546,810	71,573,074	47,792,918
1925-----	397,099,010	72,008,465	54,857,310
1926-----	414,367,140	70,052,817	52,053,412

¹ From Milk Reporter. Includes cream and condensed milk used as fluid milk.

² From New England Homestead.

TABLE 41.—*Market milk: Prevailing New York price for grade B milk, net to farmer*

[Milk Reporter]

Year	Average price per quart	Year	Average price per quart	Year	Average price per quart
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1875 ¹ -----	3.58	1893-----	2.79	1911-----	3.36
1876-----	3.37	1894-----	2.63	1912-----	3.68
1877-----	3.27	1895-----	2.52	1913-----	3.53
1878 ¹ -----	2.60	1896-----	2.34	1914-----	3.50
1879-----	2.33	1897-----	2.35	1915-----	3.50
1880-----	2.88	1898-----	2.33	1916-----	3.88
1881-----	2.94	1899-----	2.53	1917-----	5.68
1882-----	3.25	1900-----	2.74	1918-----	7.00
1883-----	3.26	1901-----	2.62	1919-----	7.58
1884-----	3.00	1902-----	2.88	1920-----	7.57
1885-----	2.79	1903-----	2.88	1921-----	6.42
1886-----	2.80	1904-----	2.75	1922-----	6.23
1887-----	2.81	1905-----	2.89	1923-----	6.55
1888-----	2.83	1906-----	3.01	1924-----	5.78
1889-----	2.59	1907-----	3.35	1925-----	6.60
1890-----	2.63	1908-----	3.29	1926-----	6.68
1891-----	2.66	1909-----	3.38		
1892-----	2.68	1910-----	3.68		

¹ Price in gold during period of inflated currency: 1875, 3.11 cents; 1876, 3.02 cents; 1877, 3.12 cents; 1878, 2.58 cents.

TABLE 42.—Quantities of milk and butter produced on farms during 1924 and number of cows milked and yield of milk per year per cow

[Bureau of the Census]

State	Milk produced on farms	Farm butter	Cows milked	Yield per cow
	<i>Gallons</i>	<i>Pounds</i>	<i>Number</i>	<i>Pounds</i>
Alabama.....	95,364,944	27,704,745	325,578	2,520
Arizona.....	18,415,661	760,803	33,317	4,756
Arkansas.....	98,768,944	23,962,463	332,241	2,554
California.....	340,308,805	3,843,856	540,295	5,418
Colorado.....	96,649,262	5,245,186	229,500	3,621
Connecticut.....	65,631,205	1,493,911	109,834	5,143
Delaware.....	13,037,034	812,014	32,589	3,440
Dist. of Columbia..	480,732	5,319	532	7,104
Florida.....	19,264,854	1,544,466	62,940	2,614
Georgia.....	98,822,152	22,277,037	331,397	2,563
Idaho.....	78,505,003	3,661,728	151,722	4,446
Illinois.....	435,132,997	22,889,130	943,799	3,965
Indiana.....	270,962,875	14,171,886	656,898	3,543
Iowa.....	515,909,461	23,323,119	1,202,142	3,689
Kansas.....	251,968,977	17,292,791	694,454	3,122
Kentucky.....	165,920,669	28,595,430	469,194	3,044
Louisiana.....	37,870,207	4,319,489	164,896	1,978
Maine.....	70,948,840	9,241,414	149,736	4,076
Maryland.....	74,042,696	5,255,281	173,170	3,681
Massachusetts.....	86,575,083	1,456,488	141,234	5,272
Michigan.....	424,235,994	20,350,351	823,118	4,429
Minnesota.....	663,638,164	16,825,069	1,407,219	4,059
Mississippi.....	89,567,218	18,498,308	358,044	2,150
Missouri.....	273,956,020	25,937,470	808,732	2,915
Montana.....	73,185,407	5,416,455	167,967	3,750
Nebraska.....	197,600,789	15,036,616	566,619	3,001
Nevada.....	11,483,388	244,309	18,768	5,263
New Hampshire.....	38,149,067	2,469,862	77,652	4,231
New Jersey.....	76,245,204	944,720	117,099	5,599
New Mexico.....	19,026,659	1,706,880	60,594	2,700
New York.....	741,983,208	22,106,207	1,347,975	4,730
North Carolina.....	108,151,634	25,359,789	296,805	3,130
North Dakota.....	199,037,293	14,772,928	446,695	3,836
Ohio.....	425,834,160	23,308,705	931,717	3,930
Oklahoma.....	177,596,933	25,518,814	526,681	2,898
Oregon.....	112,218,008	3,900,837	206,869	4,661
Pennsylvania.....	446,273,281	30,494,008	873,015	4,395
Rhode Island.....	13,503,758	131,872	21,855	5,315
South Carolina.....	49,981,899	12,556,096	163,233	2,632
South Dakota.....	172,968,181	10,925,914	451,751	3,294
Tennessee.....	148,759,109	32,461,009	447,597	2,855
Texas.....	274,540,639	55,350,671	849,240	2,778
Utah.....	40,847,359	2,912,900	82,898	4,240
Vermont.....	127,956,952	3,402,114	268,122	4,102
Virginia.....	127,447,037	24,232,134	375,594	2,915
Washington.....	169,846,011	5,089,838	276,010	5,389
West Virginia.....	76,621,074	16,055,084	219,342	3,001
Wisconsin.....	1,058,750,721	7,172,280	1,904,869	4,782
Wyoming.....	24,318,067	1,760,471	57,849	3,612
Total.....	9,198,303,635	642,803,267	20,899,647	3,784

TABLE 43.—*Production of manufactured dairy products*

{Thousand pounds, i. e., 100 omitted.}									
	1918	1919	1920	1921	1922	1923	1924	1925	1926
Creamery butter-----	818, 175	868, 125	863, 577	1, 054, 938	1, 153, 515	1, 242, 214	1, 356, 080	1, 361, 526	1, 451, 766
Whey butter (made from whey cream)-----	4, 544	5, 782	3, 155	2, 176	2, 291	1, 904	1, 665	1, 774	2, 872
Renovated or process butter-----	19, 257	12, 189	7, 530	5, 877	4, 448	2, 802	2, 813	2, 519	2, 505
American cheese (whole milk)-----	253, 634	295, 144	254, 684	261, 727	282, 806	308, 108	324, 695	347, 240	335, 915
American cheese (part skim)-----	8, 313	6, 854	4, 467	1, 455	2, 164	2, 145	2, 470	2, 793	2, 927
American cheese (full skim)-----	6, 110	7, 256	6, 458	1, 733	2, 500	2, 033	1, 605	3, 298	1, 384
Swiss cheese (including block)-----	19, 363	21, 602	20, 430	22, 678	19, 983	24, 555	21, 844	23, 457	20, 883
Brick and Munster cheese-----	41, 376	38, 776	44, 126	42, 073	37, 194	33, 250	32, 052	34, 101	31, 048
Limburger cheese-----	8, 467	7, 844	7, 503	7, 035	7, 383	7, 100	9, 734	9, 163	9, 639
Cottage, pot and bakers' cheese-----	28, 350	31, 614	29, 887	27, 316	32, 389	35, 527	54, 347	59, 485	67, 977
Cream and Neufchatel cheese-----	5, 862	5, 639	7, 601	9, 279	9, 936	10, 334	14, 945	17, 575	18, 192
Italian varieties of cheese-----	4, 835	4, 391	4, 779	3, 793	2, 627	2, 132	1, 973	1, 562	2, 425
Other varieties of cheese-----	8, 986	11, 733	12, 383	6, 065	5, 387	5, 040	4, 622	4, 325	5, 003
Sweetened condensed milk:									
Case goods--									
Skimmed-----	8, 258	7, 468	7, 700	3, 861	3, 915	2, 748	2, 044	3, 135	1, 298
Unskimmed-----	409, 450	573, 044	340, 391	199, 985	230, 456	196, 058	187, 281	186, 807	154, 944
Bulk goods--									
Skimmed-----	47, 075	65, 377	84, 223	66, 051	76, 049	102, 236	96, 581	114, 198	147, 473
Unskimmed-----	36, 969	38, 394	23, 524	22, 324	30, 292	44, 860	47, 429	44, 758	55, 737
Unsweetened evaporated milk:									
Case goods--									
Skimmed-----	5, 160	3, 626	5, 526	1, 405	3, 574	7, 035	11, 555	5, 994	11, 985
Unskimmed-----	1, 002, 874	1, 194, 496	979, 873	1, 028, 172	949, 909	1, 252, 520	1, 189, 755	1, 202, 456	1, 158, 476
Bulk goods--									
Skimmed-----	55, 314	71, 039	64, 304	69, 220	67, 066	77, 416	83, 131	86, 954	116, 758
Unskimmed-----	109, 799	77, 514	72, 474	73, 145	70, 088	92, 008	82, 772	113, 556	86, 833

Evaporated, part or full skimmed, modified with foreign fat (case goods)-----	50,619	62,262	84,044	59,050	38,538	6,935	-----	-----
Evaporated, part or full skimmed, modified with foreign fat (bulk goods)-----	3,861	2,733	2,719	5,873	1,915	110	-----	-----
Sterilized milk (canned same as condensed)-----	2,613	4,421	5,623	5,074	330	80	488	1,576
Condensed or evaporated butter-milk-----	12,041	24,282	32,539	29,314	44,343	54,833	66,837	77,079
Dried or powdered buttermilk-----	4,951	5,279	5,704	7,708	9,007	13,032	18,058	20,246
Powdered whole milk-----	4,006	9,042	10,334	4,242	5,599	6,560	7,887	8,931
Powdered skim milk-----	26,202	34,945	41,893	38,546	40,617	62,251	69,219	73,317
Powdered cream-----	621	607	309	130	118	328	1,018	339
Dried casein (skim-milk product)-----	10,936	13,685	11,441	8,066	6,907	14,500	20,683	16,468
Dried casein (buttermilk product)-----	403	722	85	10	20	48	76	192
Malted milk-----	15,623	17,436	19,715	15,652	13,659	15,331	15,889	18,050
Milk sugar (erude)-----	3,291	6,616	5,583	2,890	2,191	2,872	3,331	5,655
Ice cream of all kinds (gallons) ¹ -----	125,642	133,056	148,298	147,949	161,609	183,412	181,564	214,382
								215,248

¹ The ice cream production as reported is approximately 65 per cent of the total production. See Table 79 for total production.

TABLE 44.—*Production of dairy products for the year 1925, by months*

[Thousand pounds, i. e., 000 omitted]

Month	Whey butter	American Cheddar cheese		Swiss cheese (includ- ing block)	Brick and Munster cheese
		Part skim	Full skim		
January.....	92	208	106	184	1,686
February.....	90	180	101	174	1,504
March.....	110	281	167	219	2,335
April.....	142	243	603	503	4,018
May.....	223	328	745	2,460	4,817
June.....	326	366	796	3,868	4,239
July.....	184	333	202	4,240	2,716
August.....	166	284	99	4,110	2,467
September.....	146	179	88	3,170	2,142
October.....	126	108	129	2,592	2,774
November.....	89	110	105	1,332	2,808
December.....	80	173	157	605	2,595
Total.....	1,774	2,793	3,298	23,457	34,101

Month	Limburger cheese	Cream and Neufchatel	Italian varieties	All other varieties of cheese
January.....	312	1,792	125	410
February.....	283	1,758	118	405
March.....	421	2,095	131	429
April.....	677	1,598	170	335
May.....	977	1,396	169	368
June.....	1,033	1,367	168	337
July.....	1,297	1,168	122	301
August.....	1,054	1,113	110	308
September.....	1,008	1,077	106	291
October.....	908	1,315	123	401
November.....	698	1,445	104	385
December.....	495	1,451	116	355
Total.....	9,163	17,575	1,562	4,325

TABLE 44.—*Production of dairy products for the year 1925, by months—Continued*

[Thousand pounds, i, e, 000 omitted]

Month	Condensed (sweetened) whole milk	Evaporated (unsweet- ened) whole milk	Condensed (sweetened) skim milk	Evaporated (unsweet- ened) skim milk
January.....	16,370	82,972	6,331	4,329
February.....	15,051	81,894	6,604	4,899
March.....	19,666	101,773	9,380	6,068
April.....	23,567	120,380	10,101	8,969
May.....	34,379	151,860	15,319	11,604
June.....	27,467	159,684	15,605	15,344
July.....	23,285	145,605	12,163	10,185
August.....	15,513	122,053	9,097	8,773
September.....	12,189	100,357	6,523	7,483
October.....	15,977	97,332	9,018	5,334
November.....	13,340	70,943	7,611	5,163
December.....	14,761	81,159	9,581	4,797
Total.....	231,565	1,316,012	117,333	92,948

Month	Dry whole milk	Dry skim milk	Cream powder	Malted milk
January.....	521	3,757	10	1,581
February.....	536	3,800	26	1,514
March.....	633	5,330	29	1,794
April.....	595	7,888	1	1,743
May.....	1,256	9,985	22	1,628
June.....	1,172	9,759	129	1,727
July.....	1,356	7,405	115	1,553
August.....	1,019	6,146	6	1,340
September.....	510	5,261	-----	1,228
October.....	447	5,161	-----	1,283
November.....	396	4,247	-----	1,245
December.....	490	4,578	1	1,414
Total.....	8,931	73,317	339	18,050

TABLE 45.—*Production of dairy products for 1925, by months*

[Thousand pounds, i. e., 000 omitted]

Month	Condensed buttermilk	Butter-milk powder	Dried casein ¹	Milk sugar (crude)
January.....	4, 225	1, 494	1, 462	234
February.....	3, 702	1, 379	1, 731	242
March.....	4, 071	1, 526	1, 779	295
April.....	5, 070	1, 896	1, 665	690
May.....	7, 671	2, 246	1, 827	789
June.....	8, 979	2, 281	1, 825	1, 054
July.....	9, 224	2, 072	1, 678	824
August.....	8, 792	1, 807	1, 277	577
September.....	6, 518	1, 755	1, 005	365
October.....	7, 233	1, 188	1, 065	225
November.....	5, 781	1, 110	603	161
December.....	5, 813	1, 492	743	199
Total.....	77, 079	20, 246	16, 660	5, 655

¹ Skim milk and buttermilk casein combined. The buttermilk casein amounted to 192,000 pounds.

TABLE 46.—*Butter: Total production of farm and factory butter*

[Bureau of the Census and Bureau of Agricultural Economics]

Year	Creamery butter	Whey butter	Farm made butter	Total butter
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1849 ¹			313, 345, 306	313, 345, 306
1859 ¹			459, 681, 372	459, 681, 372
1869 ¹			514, 092, 683	514, 092, 683
1879 ¹	29, 421, 784		777, 250, 287	806, 672, 071
1889 ¹	181, 284, 916		1, 024, 223, 468	1, 205, 508, 384
1899 ¹	420, 954, 016		1, 071, 626, 056	1, 492, 580, 072
1904 ¹	533, 449, 261			
1909 ¹	627, 145, 865		994, 650, 610	1, 621, 796, 475
1914 ¹	786, 003, 489		² 851, 158, 000	1, 637, 161, 489
1916.....	760, 030, 573			
1917.....	759, 511, 000		908, 000, 000	1, 667, 511, 000
1918.....	818, 175, 123	4, 543, 793	710, 000, 000	1, 532, 718, 916
1919.....	868, 124, 806	5, 782, 326	¹ 707, 666, 492	1, 581, 573, 624
1920.....	863, 577, 000	3, 155, 000	694, 803, 000	1, 561, 535, 000
1921.....	1, 054, 938, 000	2, 176, 000	681, 803, 000	1, 738, 917, 000
1922.....	1, 153, 515, 000	2, 291, 000	663, 863, 000	1, 824, 609, 000
1923.....	1, 242, 214, 000	1, 904, 000	655, 803, 000	1, 899, 921, 000
1924.....	1, 356, 080, 000	1, 665, 000	¹ 642, 803, 000	2, 000, 548, 000
1925.....	1, 361, 526, 000	1, 774, 000	629, 803, 000	1, 993, 103, 000
1926.....	1, 451, 766, 000	2, 872, 000	615, 000, 000	2, 069, 638, 000

¹ Census figures; others, Bureau of Agricultural Economics.

² Farm butter is estimated for years between census years.

NOTE.—The creamery butter production according to census reports was: 1919, 938,505,382 pounds; 1921, 1,118,203,696 pounds; 1923, 1,382, 608, 304 pounds; 1924, 1,445,204,000 pounds, preliminary.

TABLE 47.—*Butter: Production of creamery butter by months*

[Thousand pounds, i. e., 000 omitted]

Month	1916	1917	1918 ¹	1919 ¹	1920	1921
January.....		43,997	44,357	52,189	49,044	58,906
February.....		38,459	42,389	44,343	46,355	56,556
March.....		47,371	49,086	54,822	56,303	67,677
April.....		53,809	57,332	67,487	60,622	82,763
May.....		75,108	85,564	103,941	86,845	119,077
June.....		98,898	104,385	119,357	114,695	130,633
July.....		94,151	97,440	104,156	110,844	111,898
August.....		83,936	85,148	84,458	90,669	111,638
September.....	76,028	76,744	72,387	68,815	77,106	89,932
October.....	54,308	56,176	63,886	58,723	65,129	84,374
November.....	43,469	42,705	45,741	45,041	53,570	70,024
December.....	40,203	48,157	45,560	46,662	52,395	71,460
Total.....	760,031	759,511	793,275	849,994	863,577	1,054,938

Month	1922	1923	1924	1925	1926
January.....	73,505	83,688	87,468	87,121	97,893
February.....	67,405	74,134	86,731	80,218	94,222
March.....	79,532	88,311	95,760	92,302	112,432
April.....	86,623	100,547	106,012	107,023	121,049
May.....	132,351	134,350	139,954	145,478	155,912
June.....	150,034	158,371	161,992	164,253	178,276
July.....	135,231	138,278	164,443	158,920	159,554
August.....	114,160	120,802	137,836	136,738	133,294
September.....	92,359	102,273	115,102	108,325	116,732
October.....	83,070	89,297	100,536	104,520	103,068
November.....	68,628	74,909	77,292	95,492	88,481
December.....	70,617	77,254	82,964	91,136	90,853
Total.....	1,153,515	1,242,214	1,356,080	1,361,526	1,451,766

¹ From preliminary figures. Some later reports from factories were added in States but monthly statements not revised. For yearly totals see Table 46.

TABLE 48.—*Butter: Quantity of creamery butter made from 1918 to 1926, by States*

[Thousand pounds, i. e., 000 omitted]

States	1918	1919	1920	1921	1922
Alabama.....	912	696	398	742	917
Arizona.....	1,416	1,000	828	1,358	623
Arkansas.....	427	363	345	586	731
California.....	58,293	61,795	61,870	68,810	69,941
Colorado.....	12,652	13,144	12,979	15,290	16,410
Connecticut.....	813	930	877	1,165	986
Delaware.....	270	253	350	395	203
District of Columbia.....	6	5	503	577	475
Florida.....	39	17	-----	11	81
Georgia.....	4	6	7	85	979
Idaho.....	4,330	4,514	4,660	4,935	7,582
Illinois.....	39,855	44,621	41,051	48,866	47,249
Indiana.....	40,624	44,659	39,223	47,854	48,158
Iowa.....	86,943	87,915	84,290	106,516	129,778
Kansas.....	36,660	35,642	32,899	37,000	40,204
Kentucky.....	3,177	5,321	7,875	10,746	12,010
Louisiana.....	70	46	55	160	87
Maine.....	1,453	1,141	727	719	596
Maryland.....	297	315	440	620	542
Massachusetts.....	2,439	2,849	3,198	3,895	2,999
Michigan.....	42,582	45,207	45,404	55,011	59,954
Minnesota.....	124,816	130,786	120,297	154,268	170,463
Mississippi.....	2,274	2,477	2,626	4,286	5,778
Missouri.....	30,175	38,411	35,228	42,422	46,565
Montana.....	4,581	5,389	5,168	7,439	7,713
Nebraska.....	62,477	60,467	56,661	66,653	74,809
Nevada.....	1,496	1,726	2,018	2,388	2,642
New Hampshire.....	459	397	300	305	309
New Jersey.....	133	179	143	214	261
New Mexico.....	10	6	6	29	129
New York.....	13,898	13,716	16,949	24,298	25,474
North Carolina.....	678	829	832	1,263	1,549
North Dakota.....	12,050	14,697	13,419	16,177	21,675
Ohio.....	54,555	60,573	65,594	78,724	84,193
Oklahoma.....	8,167	10,481	9,596	10,427	11,142
Oregon.....	15,357	14,432	14,288	15,289	17,158
Pennsylvania.....	10,977	12,446	11,422	14,629	12,803
Rhode Island.....	70	65	58	77	76
South Carolina.....	17	27	16	19	165
South Dakota.....	18,536	17,479	14,071	18,886	21,146
Tennessee.....	2,068	3,735	5,903	8,707	9,164
Texas.....	4,982	8,289	9,125	11,257	10,179
Utah.....	4,174	3,796	3,567	4,549	5,913
Vermont.....	10,858	10,677	13,253	14,919	12,289
Virginia.....	1,372	1,597	2,210	2,833	3,118
Washington.....	16,407	18,487	23,751	23,228	24,239
West Virginia.....	180	328	867	530	420
Wisconsin.....	82,860	85,054	97,355	124,504	142,235
Wyoming.....	1,286	1,140	875	1,277	1,403
Total.....	818,175	868,125	863,577	1,054,938	1,153,515

TABLE 48.—*Butter: Quantity of creamery butter made from 1918 to 1926, by States—Continued*

[Thousand pounds, i. e., 000 omitted]

States	1923	1924	1925	1926
Alabama.....	831	839	1,086	991
Arizona.....	600	2,107	1,034	1,489
Arkansas.....	996	1,259	1,174	1,325
California.....	81,943	75,509	72,371	71,701
Colorado.....	18,625	18,130	18,794	18,225
Connecticut.....	753	820	675	617
Delaware.....	154	150	80	67
District of Columbia.....	10	-----	461	52
Florida.....	99	20	22	105
Georgia.....	1,868	1,826	1,836	1,982
Idaho.....	9,883	13,431	15,101	18,456
Illinois.....	51,359	58,225	56,872	62,544
Indiana.....	51,484	54,355	54,362	57,592
Iowa.....	141,407	159,378	156,361	168,827
Kansas.....	42,674	46,844	47,768	50,998
Kentucky.....	12,244	12,942	14,087	16,975
Louisiana.....	185	125	90	92
Maine.....	402	568	479	547
Maryland.....	382	500	339	266
Massachusetts.....	1,844	1,790	2,026	2,150
Michigan.....	64,818	70,676	70,729	72,040
Minnesota.....	199,926	229,474	245,669	268,437
Mississippi.....	5,715	5,648	4,895	6,896
Missouri.....	51,818	56,801	55,953	66,861
Montana.....	10,667	13,874	13,968	15,549
Nebraska.....	76,748	81,423	83,930	90,882
Nevada.....	2,361	2,640	2,593	2,437
New Hampshire.....	424	271	137	90
New Jersey.....	437	642	170	49
New Mexico.....	185	251	326	455
New York.....	18,893	25,974	16,960	14,222
North Carolina.....	1,718	1,683	1,556	1,680
North Dakota.....	23,355	28,515	31,500	34,898
Ohio.....	79,195	80,932	77,566	79,386
Oklahoma.....	14,065	14,421	15,841	19,664
Oregon.....	18,128	20,993	21,575	22,570
Pennsylvania.....	13,142	12,444	11,476	11,808
Rhode Island.....	76	105	68	75
South Carolina.....	537	527	429	364
South Dakota.....	27,447	24,643	29,193	29,814
Tennessee.....	11,463	12,762	11,286	11,826
Texas.....	10,956	11,997	10,866	14,594
Utah.....	7,500	8,585	7,034	8,037
Vermont.....	11,935	12,294	9,372	8,305
Virginia.....	4,231	4,614	3,842	4,378
Washington.....	26,666	29,331	25,673	28,914
West Virginia.....	276	446	533	487
Wisconsin.....	139,895	153,335	161,369	159,733
Wyoming.....	1,894	1,941	1,999	2,289
Total.....	1,242,214	1,356,080	1,361,526	1,451,766

TABLE 49.—*Apparent consumption of butter, by months,¹ 1917 to 1926*

[Thousand pounds, i. e., 000 omitted]

Month	1917	1918	1919	1920	1921
January.....	113, 449	108, 540	98, 853	103, 830	118, 793
February.....	103, 002	89, 522	93, 511	96, 882	103, 397
March.....	118, 331	96, 887	111, 362	108, 363	126, 575
April.....	126, 293	113, 123	115, 567	121, 277	139, 511
May.....	167, 464	158, 741	161, 573	155, 916	175, 366
June.....	174, 582	158, 326	148, 898	164, 201	173, 176
July.....	161, 394	141, 098	153, 579	148, 557	166, 677
August.....	156, 273	145, 589	146, 659	147, 110	167, 613
September.....	151, 301	143, 071	136, 601	137, 956	146, 475
October.....	132, 780	121, 727	131, 870	129, 568	146, 782
November.....	119, 207	100, 783	115, 998	120, 211	124, 883
December.....	133, 227	108, 146	107, 657	119, 719	131, 485

Month	1922	1923	1924 ²	1925 ²	1926 ²
January.....	125, 824	133, 001	145, 933	145, 698	150, 831
February.....	114, 948	116, 821	133, 444	132, 681	142, 376
March.....	134, 488	135, 855	143, 939	154, 092	162, 567
April.....	138, 617	148, 133	153, 336	162, 693	167, 774
May.....	190, 141	194, 706	196, 766	205, 113	209, 740
June.....	175, 053	186, 512	192, 504	194, 441	200, 465
July.....	170, 247	181, 754	181, 407	187, 297	186, 860
August.....	167, 365	182, 195	179, 767	181, 053	188, 701
September.....	158, 980	161, 127	171, 118	175, 210	180, 718
October.....	152, 601	155, 672	163, 863	170, 590	173, 152
November.....	133, 983	141, 285	151, 042	144, 542	163, 267
December.....	133, 806	139, 709	158, 786	152, 893	161, 699

¹ Apparent consumption is the amount of product moved into consumption channels.² Revised to include final figures of farm butter from census and creamery butter.

TABLE 50.—*Butter receipts, net weight, on New York, Chicago, Philadelphia, Boston, and San Francisco markets*

[Trade Journals to 1918, inclusive, and Bureau of Agricultural Economics, 1919 to date]

[Thousand pounds, i. e., 000 omitted]

Year	New York	Chicago	Philadel- phia	Boston	San Fran- cisco
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1865-----	37,642				
1870-----	34,284				
1880-----	92,629				7,518
1890-----	114,309				
1900-----	123,930	89,567			12,949
1905-----	149,402	108,685			15,246
1910-----	135,860	191,042			11,844
1911-----	144,118	195,593			16,179
1912-----	145,881	159,211			20,017
1913-----	151,770	150,193			20,319
1914-----	159,316	157,432			19,194
1915-----	170,546	186,313			24,137
1916-----	182,837	175,298			23,540
1917-----	160,952	174,714			21,178
1918-----	173,885	148,781			19,505
1919 ¹ -----	184,805	153,577	42,324	60,531	18,799
1920-----	136,076	146,109	40,202	60,340	20,028
1921-----	176,038	160,035	48,580	61,618	21,879
1922-----	204,333	176,162	53,519	70,672	22,029
1923-----	207,031	186,737	56,705	73,224	21,684
1924-----	211,274	213,349	63,384	77,022	22,449
1925-----	207,317	210,228	59,516	72,989	24,439
1926-----	214,653	195,545	65,536	73,734	23,464

¹ Figures from Bureau of Agricultural Economics for 1919 and thereafter.

TABLE 51.—*Butter receipts, net weight, of four markets combined by months. (New York, Chicago, Philadelphia, and Boston)*

[Thousand pounds, i. e., 000 omitted]

Month	1918	1919	1920	1921	1922
January.....		30, 257	23, 427	24, 079	33, 144
February.....	24, 798	27, 584	22, 604	22, 737	30, 964
March.....	29, 719	28, 585	27, 393	27, 422	35, 638
April.....	27, 596	29, 343	20, 552	30, 374	32, 609
May.....	35, 131	52, 650	30, 873	47, 374	54, 314
June.....	55, 703	68, 248	55, 637	62, 945	76, 031
July.....	55, 878	55, 152	57, 389	48, 860	63, 087
August.....	39, 511	41, 565	42, 925	49, 620	48, 996
September.....	32, 485	34, 876	34, 579	39, 805	36, 743
October.....	35, 724	28, 300	26, 155	35, 391	32, 394
November.....	26, 004	24, 306	20, 958	28, 234	29, 947
December.....	26, 521	20, 370	20, 236	29, 379	30, 813
Total.....	389, 075	441, 236	382, 728	446, 270	504, 685

Month	1923	1924	1925	1926
January.....	38, 558	36, 096	35, 871	37, 871
February.....	32, 315	38, 789	33, 824	38, 050
March.....	39, 616	42, 445	39, 013	44, 082
April.....	38, 419	41, 358	39, 771	43, 253
May.....	52, 155	53, 964	54, 356	52, 257
June.....	73, 520	75, 194	71, 755	73, 449
July.....	61, 470	75, 537	67, 566	66, 179
August.....	45, 607	55, 341	55, 064	48, 182
September.....	40, 029	45, 808	43, 276	42, 753
October.....	36, 652	40, 414	41, 552	36, 049
November.....	32, 118	28, 713	33, 653	32, 762
December.....	33, 237	31, 369	34, 350	34, 584
Total.....	523, 696	565, 028	550, 051	459, 471

TABLE 52.—*Butter imports and exports*

[Foreign Commerce and Navigation Reports (YB)]

Year ended June 30—	General imports ¹		Domestic exports ¹	
	<i>Pounds</i>	<i>Value</i>	<i>Pounds</i>	<i>Value</i>
1851-----	479, 180	\$37, 536	3, 994, 542	\$516, 812
1860-----	3, 278, 967	506, 185	7, 640, 914	1, 144, 321
1870 ² -----	4, 089, 038	832, 829	2, 019, 288	592, 229
1880 ² -----	487, 120	95, 122	39, 236, 658	6, 690, 687
1890-----	75, 521	13, 679	29, 748, 042	4, 187, 489
1900-----	49, 791	9, 769	18, 266, 371	3, 143, 509
1910-----	1, 360, 245	298, 023	3, 140, 545	785, 771
1911-----	1, 007, 826	247, 961	4, 877, 797	1, 059, 432
1912-----	1, 025, 668	237, 154	6, 092, 235	1, 468, 432
1913-----	1, 162, 253	304, 090	3, 585, 600	872, 804
1914-----	7, 842, 022	1, 753, 461	3, 693, 597	877, 453
1915-----	3, 828, 227	977, 262	9, 850, 704	2, 392, 480
1916-----	712, 998	212, 370	13, 487, 481	3, 590, 105
1917-----	523, 573	192, 767	26, 835, 092	8, 749, 170
1918-----	1, 805, 925	619, 303	17, 735, 966	6, 852, 727
1919-----	4, 131, 469	1, 869, 132	33, 739, 960	15, 843, 522
1920-----	20, 770, 959	10, 916, 770	27, 155, 834	15, 491, 682
1920 ³ -----	37, 454, 172	18, 646, 456	17, 487, 735	10, 142, 403
1921 ³ -----	18, 558, 388	7, 392, 247	8, 014, 737	3, 269, 609
1922 ² -----	6, 957, 159	2, 634, 856	10, 937, 519	4, 063, 888
1923 ² -----	23, 741, 247	8, 507, 094	5, 845, 514	2, 568, 807
1924 ² -----	19, 404, 816	7, 046, 940	8, 256, 622	3, 429, 453
1925 ² -----	7, 212, 013	2, 645, 685	5, 342, 740	2, 411, 074
1926-----	8, 029, 067	2, 798, 736	5, 482, 992	2, 529, 327

¹ See introduction on p. III.² Imports for 1870 and 1880 from Evans Report, Senate Report, 2d session 53d Congress.³ Year ended Dec. 31. The reports are now issued for the calendar year.

TABLE 53.—*Creamery butter in storage on the first of each month in the United States*

[Thousand pounds, i. e., 000 omitted]

Month	1915	1916	1917	1918	1919	1920
January.....		48, 977	46, 134	50, 726	43, 910	53, 737
February.....		31, 139	30, 474	26, 618	36, 777	38, 359
March.....		15, 033	16, 952	18, 808	24, 191	22, 568
April.....		3, 346	6, 805	14, 629	11, 909	12, 555
May.....		1, 082	3, 607	9, 536	9, 659	7, 554
June.....		7, 017	9, 953	12, 698	29, 435	12, 872
July.....		53, 863	49, 982	49, 140	90, 158	52, 526
August.....	68, 578	102, 537	88, 992	88, 305	123, 546	101, 455
September.....	101, 662	105, 836	108, 179	99, 334	131, 388	115, 558
October.....	99, 450	100, 522	109, 154	87, 883	121, 816	113, 385
November.....	92, 719	85, 200	100, 115	80, 874	100, 474	101, 778
December.....	71, 849	67, 292	79, 928	65, 111	73, 654	79, 750

Month	1921	1922	1923	1924	1925	1926	1927
January.....	58, 682	48, 412	26, 819	30, 299	65, 694	52, 785	34, 347
February.....	41, 486	35, 047	16, 122	15, 246	45, 748	39, 381	17, 952
March.....	27, 103	22, 582	8, 910	9, 847	28, 789	26, 313	7, 952
April.....	14, 732	9, 113	4, 824	7, 842	10, 875	17, 392	3, 044
May.....	7, 712	3, 830	3, 248	8, 913	3, 739	17, 527	3, 436
June.....	21, 682	13, 202	10, 112	22, 348	13, 036	30, 561	25, 404
July.....	61, 991	67, 410	62, 768	74, 184	63, 687	86, 897	89, 996
August.....	82, 838	103, 151	101, 774	134, 118	109, 075	131, 152	145, 147
September.....	92, 292	112, 039	102, 731	156, 440	128, 403	138, 151	163, 701
October.....	90, 116	96, 680	96, 117	153, 494	114, 172	125, 342	147, 396
November.....	77, 983	73, 857	76, 472	135, 018	94, 916	100, 871	118, 679
December.....	65, 129	47, 773	51, 508	100, 832	74, 754	64, 381	83, 224

NOTE.—Cold storage in connection with butter in this table means the holding of butter at a temperature of 45° F. or less for a period of at least 30 days.

TABLE 54.—*Prices of creamery butter; average monthly wholesale price of extras, or equivalent grade, on New York market*

[New York Produce Review and Bureau of Agricultural Economics]

Month	1900	1901	1902	1903	1904	1905	1906
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
January.....	26.8	22.8	24.1	27.3	22.7	29.1	26.5
February.....	24.9	22.5	28.3	26.6	25.1	32.1	27.1
March.....	24.9	22.1	28.2	28.4	24.5	28.0	27.0
April.....	19.6	21.0	28.8	26.6	22.8	30.0	21.8
May.....	20.1	19.0	22.7	22.0	20.1	23.7	20.1
June.....	19.4	19.3	22.0	21.7	18.0	20.4	20.2
July.....	19.5	19.7	21.3	20.1	17.6	20.5	20.6
August.....	20.8	20.3	19.9	19.3	17.9	21.1	22.5
September.....	21.5	20.9	21.6	20.6	19.4	20.6	24.6
October.....	21.8	20.0	24.0	21.3	20.9	21.8	26.1
November.....	24.9	24.1	26.6	23.1	24.8	23.6	27.6
December.....	25.3	25.0	29.1	24.2	26.8	24.3	31.6
Average.....	22.2	21.4	24.7	23.4	21.7	24.6	24.6

Month	1907	1908	1909	1910	1911	1912	1913
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
January.....	30.8	31.5	32.2	34.4	28.0	39.1	35.1
February.....	32.5	32.8	31.0	30.6	28.0	31.7	36.3
March.....	30.6	29.3	30.0	33.5	25.5	31.1	36.7
April.....	30.6	29.0	27.9	32.0	22.1	32.8	34.5
May.....	25.0	24.2	27.0	29.0	22.8	² 30.4	28.6
June.....	23.6	23.8	26.3	28.5	23.8	27.3	27.8
July.....	24.8	22.9	26.7	29.1	25.9	27.1	27.0
August.....	¹ 25.5	23.3	27.7	30.3	27.3	26.6	27.9
September.....	28.3	24.5	31.0	31.2	27.6	29.7	31.5
October.....	29.2	27.4	31.6	31.4	31.4	31.2	31.4
November.....	27.7	30.3	31.9	32.5	34.8	34.4	33.8
December.....	29.8	32.0	36.0	30.9	37.8	37.2	36.1
Average.....	28.1	27.6	29.9	31.1	27.9	31.6	32.2

Month	1914	1915	1916	1917	³ 1918	1919	1920
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
January.....	32.6	33.5	32.6	40.1	52	62	65
February.....	29.3	32.3	33.8	43.5	50	52	66
March.....	27.7	29.7	36.9	41.6	44	62	67
April.....	25.4	30.7	36.0	44.2	42	64	71
May.....	26.1	28.8	31.0	40.2	42	58	61
June.....	27.2	28.2	29.8	39.1	44	52	57
July.....	27.9	27.0	28.9	39.0	45	53	57
August.....	30.4	25.9	31.2	41.3	46	55	55
September.....	31.4	26.6	33.9	44.3	56	59	59
October.....	31.6	28.6	35.4	44.6	59	68	60
November.....	34.7	31.1	39.4	45.5	63	71	63
December.....	33.9	35.1	39.8	49.4	69	72	55
Average.....	29.8	29.8	34.0	42.7	51	61	61

¹ Aug. 5, 1907, "extras" changed to "specials."

² "Extras" and "firsts" took place of "specials" May 13, 1912.

³ Price by Bureau of Agricultural Economics began in 1918 for 92 score butter.

TABLE 54.—*Prices of creamery butter; average monthly wholesale price of extras, or equivalent grade, on New York market—Continued*

Month	1921	1922	1923	1924	1925	1926	1927
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
January.....	52.5	37.5	51.7	53.0	39.9	44.9	49.2
February.....	47.2	37.2	49.8	50.5	40.8	44.9	51.5
March.....	48.1	38.4	49.3	46.7	47.5	42.8	50.2
April.....	45.5	37.7	46.1	38.5	44.5	39.4	50.3
May.....	31.8	36.8	41.9	38.9	42.6	40.8	43.5
June.....	32.7	36.7	38.9	41.5	42.5	41.2	42.5
July.....	40.4	36.2	39.4	40.0	42.9	40.5	41.7
August.....	42.7	35.4	44.1	38.4	43.5	41.8	41.9
September.....	43.1	41.0	46.0	37.9	40.2	44.6	46.5
October.....	47.0	46.0	47.8	38.7	50.9	46.9	48.4
November.....	44.9	50.7	52.6	42.9	50.7	50.6	49.8
December.....	43.8	54.2	54.7	44.8	49.2	54.7	51.9
Average.....	43.3	40.7	46.9	42.6	45.3	44.4	47.3

TABLE 55.—*Price of butter: Average wholesale price on New York market for the grade "extras" or 92-score*

[New York Produce Review and Bureau of Agricultural Economics]

Year	Average price		Year	Average price		Year	Average price	
	Mar- ket quo- ta- tion	Price in gold during period of cur- rency infla- tion		Mar- ket quo- ta- tion	Price in gold during period of cur- rency infla- tion		Mar- ket quo- ta- tion	Price in gold during period of cur- rency infla- tion
	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>
1866....	51.1	36.3	1887....	26.9	-----	1907....	28.1	-----
1867....	41.6	30.1	1888....	27.3	-----	1908....	27.6	-----
1868....	49.9	35.7	1889....	24.3	-----	1909....	29.9	-----
1869....	47.3	35.5	1890....	23.6	-----	1910....	31.1	-----
1870....	40.3	35.0	1891....	26.2	-----	1911....	27.4	-----
1871....	35.5	31.8	1892....	26.4	-----	1912....	31.6	-----
1872....	34.7	30.9	1893....	27.2	-----	1913....	32.2	-----
1873....	39.4	34.5	1894....	22.3	-----	1914....	29.8	-----
1874....	41.8	37.6	1895....	21.3	-----	1915....	29.8	-----
1875....	34.8	30.3	1896....	18.4	-----	1916....	34.9	-----
1876....	34.5	31.0	1897....	19.1	-----	1917....	42.7	-----
1877....	30.6	29.2	1898....	19.5	-----	1918....	51.0	-----
1878....	28.3	28.1	1899....	21.2	-----	1919....	61.0	-----
1879....	25.5	-----	1900....	22.2	-----	1920....	61.0	-----
1880....	30.5	-----	1901....	21.4	-----	1921....	43.3	-----
1881....	32.0	-----	1902....	24.7	-----	1922....	40.7	-----
1882....	35.5	-----	1903....	23.4	-----	1923....	46.9	-----
1883....	31.0	-----	1904....	21.7	-----	1924....	42.6	-----
1884....	30.1	-----	1905....	24.6	-----	1925....	45.3	-----
1885....	26.8	-----	1906....	24.6	-----	1926....	44.4	-----
1886....	27.4	-----						

Prices by Bureau of Agricultural Economics began in 1918.

TABLE 56.—*Price of butter: Average weekly wholesale quotations for highest grade of butter on the San Francisco market*

[Pacific Dairy Review and Bureau of Agricultural Economics]

Year	Average price per pound	Year	Average price per pound	Year	Average price per pound
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1899-----	22.9	1909-----	30.6	1918-----	52.2
1900-----	23.0	1910-----	31.4	1919 ¹ -----	57.0
1901-----	21.1	1911-----	27.1	1920-----	60.2
1902-----	25.5	1912-----	31.2	1921-----	40.1
1903-----	27.9	1913-----	31.7	1922-----	39.8
1904-----	23.5	1914-----	27.0	1923-----	45.1
1905-----	24.7	1915-----	26.3	1924-----	41.0
1906-----	25.8	1916-----	28.9	1925-----	46.5
1907-----	30.5	1917-----	39.9	1926-----	43.2
1908-----	27.4				

¹ Prices by Bureau of Agricultural Economics began in 1919.

TABLE 57.—*Production and exportation of renovated butter*

[Bureau of Internal Revenue and Bureau of Animal Industry]

Year ended June 30—	Factories ¹	Production	Exportation	Year ended June 30—	Factories ¹	Production	Exportation
		<i>Pounds</i>	<i>Pounds</i>			<i>Pounds</i>	<i>Pounds</i>
1902--	55	No record.	No record.	1915--	29	39,056,180	1,918,015
1903--	81	54,658,790	1,312,000	1916--	28	34,514,527	133,300
1904--	77	54,171,183	3,118,018	1917--	22	27,507,982	635,038
1905--	78	60,029,421	3,864,146	1918--	19	19,270,933	17,340
1906--	64	53,549,900	11,005,537	1919--	15	17,358,718	41,200
1907--	51	62,965,613	5,538,410	1920--	11	9,735,214	8,110
1908--	49	50,479,489	1,271,610	1921--	11	6,099,110	4,055
1909--	49	47,345,361	1,115,288	1922--	9	5,355,816	None.
1910--	42	47,433,575	41,850	1923--	5	4,003,307	6,574
1911--	45	39,292,591	118,890	1924--	4	2,941,448	9,330
1912--	39	46,387,398	952,516	1925--	4	2,519,000	-----
1913--	39	38,354,762	75,037	1926--	4	2,482,660	-----
1914--	34	32,470,030	674,780				

¹ Total number of factories at end of fiscal year.

Production from reports of the Bureau of Internal Revenue; and exports from Bureau of Animal Industry.

TABLE 58.—*Production and exportation of oleomargarine*
[Bureau of Internal Revenue]

Year ended June 30—	Production	Exportation	Year ended June 30—	Production	Exportation
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1887-----	21,513,537	834,574	1917-----	233,170,111	2,894,266
1890-----	32,324,032	2,535,926	1918-----	326,528,839	2,485,779
1900-----	107,045,023	4,256,067	1919-----	359,216,571	10,227,702
1905-----	51,987,336	2,543,433	1920-----	391,279,512	10,335,445
1910-----	141,862,280	2,864,770	1921-----	281,081,514	3,494,683
1911-----	121,162,795	3,146,094	1922-----	190,950,373	1,066,189
1912-----	128,601,053	3,150,282	1923-----	209,182,188	1,437,040
1913-----	145,227,862	2,477,659	1924-----	239,698,749	1,127,884
1914-----	144,021,276	2,143,702	1925-----	215,402,538	1,386,268
1915-----	145,810,048	3,112,528	1926-----	248,046,818	1,562,294
1916-----	152,509,913	2,587,689			

The table includes colored and uncolored oleomargarine. No imports have been reported.

TABLE 59.—*Cheese: Total production of farm and factory cheese in the United States*

[Bureau of the Census and Bureau of Agricultural Economics. c=census; e=Agr. Ec.]

Year	Factory cheese	Farm cheese	Total cheese
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1849 c-----		105,535,893	105,535,893
1859 c-----		103,663,927	103,663,927
1869 c-----	109,435,229	53,492,153	162,927,382
1879 c-----	215,885,361	27,272,489	243,157,850
1889 c-----	238,035,065	18,726,818	256,761,883
1899 c-----	282,634,488	16,372,330	299,006,818
1904 c-----	317,144,872		
1909 c-----	311,175,730	9,405,864	320,581,594
1914 c-----	377,513,409		
1916 e-----	314,716,739		
1917 e-----	372,540,203		
1918 e-----	356,947,000		
1919 e-----	399,239,000		
1920 c-----	362,431,000		
1921 e-----	355,838,000	c 6,000,000	361,838,000
1922 e-----	369,980,000	c 5,000,000	374,980,000
1923 e-----	394,697,000	c 4,250,000	398,947,000
1924 e-----	413,940,000	c 4,000,000	417,940,000
1925 e-----	443,514,000	c 4,000,000	447,514,000
1926 e-----	427,416,000	c 4,000,000	431,416,000

NOTE.—The cheese production as reported by the Bureau of the Census was: 1919, 475,330,820 pounds factory cheese; 1921, 423,360,054 pounds; 1923, 557,897,161 pounds; 1925, 504,186,000 pounds preliminary.

There are no records of farm-made cheese except for census years.

For production of cheese by States see Tables 62 and 63.

Cottage cheese was included in Census figures up to 1919.

TABLE 60.—*Cheese production; all kinds*

[Thousand pounds, i. e., 000 omitted]

Kinds of cheese	1916	1917	1918	1919	1920	1921
Cheddar:						
Whole milk.....	227, 032	274, 946	253, 634	295, 144	254, 684	261, 727
Part skim.....	7, 856	8, 058	8, 313	6, 854	4, 467	1, 455
Full skim.....	4, 726	5, 150	6, 110	7, 256	6, 458	1, 733
Swiss.....	15, 317	15, 435	19, 363	21, 602	20, 430	22, 678
Limburger.....	9, 623	9, 798	8, 467	7, 844	7, 503	7, 035
Italian.....	(¹)	(¹)	4, 835	4, 391	4, 779	3, 793
Brick and Munster.....	41, 552	45, 923	41, 376	38, 776	44, 126	42, 073
Cream and Neufchatel.....	(¹)	(¹)	5, 862	5, 639	7, 601	9, 279
All others.....	8, 609	13, 233	8, 986	11, 733	12, 383	6, 065

Kinds of cheese	1922	1923	1924	1925	1926
Cheddar:					
Whole milk.....	282, 806	308, 108	324, 695	347, 240	335, 915
Part skim.....	2, 164	2, 145	2, 470	2, 793	2, 927
Full skim.....	2, 500	2, 033	1, 605	3, 298	1, 384
Swiss.....	19, 983	24, 555	21, 844	23, 457	20, 883
Limburger.....	7, 383	7, 100	9, 734	9, 163	9, 639
Italian.....	2, 627	2, 132	1, 973	1, 562	2, 425
Brick and Munster.....	37, 194	33, 250	32, 052	34, 101	31, 048
Cream and Neufchatel.....	9, 936	10, 334	14, 945	17, 575	18, 192
All others.....	5, 378	5, 040	4, 622	4, 325	5, 003

¹ The Italian and cream and Neufchatel cheeses were included in "All other" for the years 1916 and 1917.

TABLE 61.—*Production of whole-milk Cheddar cheese by months*

[Thousands pounds i. e., 000 omitted]

Month	1916	1917	1918 ¹	1919 ¹	1920	1921
January.....		8,519	8,143	10,956	10,457	11,889
February.....		9,415	7,860	11,855	11,509	12,858
March.....		11,918	11,992	19,009	14,954	17,678
April.....		17,577	17,931	21,642	18,856	23,521
May.....		28,932	31,285	34,849	29,832	34,556
June.....		38,796	40,184	44,599	41,376	36,444
July.....		35,296	34,332	35,465	34,313	26,977
August.....		32,248	29,996	30,940	26,787	27,652
September.....	29,984	37,613	25,424	26,257	22,935	23,612
October.....	18,162	22,303	18,862	23,114	20,054	21,486
November.....	11,772	14,262	12,172	13,107	13,308	13,426
December.....	7,607	8,070	9,097	10,044	10,303	11,618
Total.....	67,525	264,949	247,278	281,837	254,684	261,727

Month	1922	1923	1924	1925	1926
January.....	12,837	15,092	17,718	16,834	19,519
February.....	13,927	15,326	18,886	17,991	19,984
March.....	18,774	20,184	22,955	21,598	25,216
April.....	21,740	24,014	24,597	26,889	29,221
May.....	31,349	32,942	33,657	38,012	38,593
June.....	36,254	41,382	43,517	45,782	46,320
July.....	33,265	38,238	40,716	43,706	40,164
August.....	29,496	31,822	33,602	37,659	33,239
September.....	25,581	28,648	30,539	31,548	28,809
October.....	25,785	25,566	26,210	28,253	23,164
November.....	18,382	18,236	17,252	20,349	16,386
December.....	15,416	16,608	15,046	18,619	15,295
Total.....	282,806	308,108	324,695	347,240	335,915

¹ From preliminary figures. Some later reports from factories were added in States but monthly statements not revised. For yearly totals see Table 45.

TABLE 62.—*Cheese: Total production in factories by States*

[Thousand pounds, i. e., 000 omitted]

State	1918	1919	1920	1921	1922
Alabama.....				29	
Arizona.....	639	464	227	532	89
Arkansas.....					18
California.....	7, 992	8, 940	8, 518	7, 656	4, 450
Colorado.....	398	508	531	750	878
Connecticut.....	21			26	
Delaware.....	111	200	147	130	70
Dist. of Columbia.....			43		
Florida.....	2				
Idaho.....	2, 154	2, 582	1, 727	2, 161	3, 368
Illinois.....	5, 190	6, 295	3, 965	4, 680	5, 124
Indiana.....	169	185	187	186	106
Iowa.....	1, 401	954	636	373	416
Kansas.....	37	25	19	62	147
Louisiana.....		1			
Maryland.....	94	238	107	47	60
Massachusetts.....	101	107	77		1
Michigan.....	6, 661	7, 690	6, 567	7, 148	5, 369
Minnesota.....	7, 749	9, 767	5, 841	5, 856	5, 538
Missouri.....	85	305	380	382	97
Montana.....	481	318	295	210	323
Nebraska.....	32	39	3	61	44
Nevada.....				25	24
New Hampshire.....	407	259	700	634	316
New Jersey.....	469	856	693	490	974
New Mexico.....					74
New York.....	56, 764	68, 855	53, 216	55, 808	66, 525
North Carolina.....	215	229	109	86	103
Ohio.....	4, 789	4, 547	2, 957	4, 485	3, 456
Oklahoma.....	3	8			2
Oregon.....	7, 168	8, 465	8, 482	8, 900	8, 852
Pennsylvania.....	6, 139	6, 308	6, 245	6, 487	5, 094
Rhode Island.....	3	4			
South Dakota.....	27	56	9	19	
Tennessee.....	44	51	26	56	72
Texas.....	34	18	3	19	37
Utah.....	1, 131	915	855	1, 027	3, 219
Vermont.....	1, 701	3, 582	1, 850	1, 910	1, 437
Virginia.....	65	60	35	28	112
Washington.....	882	1, 257	1, 463	2, 130	3, 146
West Virginia.....	24	56	29	41	16
Wisconsin.....	242, 433	263, 481	255, 286	241, 861	247, 007
Wyoming.....	1, 332	1, 612	1, 203	1, 543	3, 416
Total.....	356, 947	399, 239	362, 431	355, 838	369, 980

TABLE 62.—*Cheese: Total production in factories by States—Continued*

[Thousand pounds, i. e., 000 omitted]

State	1923	1924	1925	1926
Alabama.....	51			
Arizona.....	138	525	543	830
California.....	4, 503	3, 696	3, 823	4, 278
Colorado.....	1, 183	1, 560	1, 288	1, 491
Delaware.....	2			
Georgia.....	3	44	24	
Idaho.....	5, 316	7, 670	7, 423	8, 289
Illinois.....	5, 980	6, 597	6, 735	7, 737
Indiana.....	174	366	255	296
Iowa.....	458	627	575	472
Kansas.....	110	176	195	211
Kentucky.....			37	
Louisiana.....				169
Maine.....		34		
Maryland.....	18			128
Massachusetts.....		62		114
Michigan.....	5, 919	7, 419	6, 759	7, 546
Minnesota.....	7, 473	9, 990	9, 030	9, 426
Missouri.....	224	110	257	312
Montana.....	747	972	1, 365	1, 501
Nebraska.....	71	135	280	728
Nevada.....		79	66	80
New Hampshire.....	393	180	102	47
New Jersey.....	271	1, 070	1, 701	52
New Mexico.....	135	92	56	
New York.....	53, 623	55, 674	55, 642	50, 268
North Carolina.....	112	83	62	61
Ohio.....	3, 164	3, 331	2, 735	2, 290
Oklahoma.....		37		5
Oregon.....	7, 826	10, 073	10, 030	11, 636
Pennsylvania.....	5, 326	4, 884	5, 385	5, 671
South Dakota.....	8	43	10	
Tennessee.....	284	398	321	172
Texas.....		2	9	
Utah.....	2, 139	2, 174	1, 753	1, 809
Vermont.....	1, 644	2, 262	1, 801	1, 643
Virginia.....	163	152	69	49
Washington.....	3, 062	3, 264	3, 389	3, 209
Wisconsin.....	282, 381	288, 214	319, 871	304, 777
Wyoming.....	1, 791	1, 945	1, 923	2, 118
Total.....	394, 697	413, 940	443, 514	427, 416

TABLE 63.—*Swiss cheese production, by States*

[Thousand pounds, i. e., 000 omitted]

State	1919	1920	1921	1922	1923	1924	1925	1926
Wisconsin.....	14,328	14,396	14,912	13,431	18,277	15,870	19,321	17,260
Ohio.....	3,030	2,208	3,340	2,837	2,864	2,810	2,308	1,809
New York.....	1,529	1,634	2,131	2,060	1,590	1,305	753	504
Illinois.....	948	590	889	530	859	1,175	789	846
California.....	939	682	353	315	518	94	176	179
Pennsylvania.....	813	883	969	714	411	303	110	6
Indiana.....	12	-----	25	12	12	10	-----	1
Oregon.....	2	37	12	46	4	-----	-----	-----
Michigan.....	1	-----	-----	19	-----	48	-----	-----
Washington.....	-----	-----	-----	-----	-----	27	-----	-----
Minnesota.....	-----	-----	-----	8	19	9	-----	18
Montana.....	-----	-----	41	11	-----	128	-----	-----
Wyoming.....	-----	-----	-----	-----	-----	62	-----	-----
North Carolina.....	-----	-----	-----	-----	-----	3	-----	-----
Colorado.....	-----	-----	1	-----	1	-----	-----	-----
Idaho.....	-----	-----	-----	-----	-----	-----	-----	260
Total ¹	21,602	20,430	22,678	19,983	24,555	21,844	23,457	20,883

¹ Total of all factories producing domestic Swiss cheese.TABLE 64.—*Cheese in storage: Quantity of American Cheddar in storage warehouses of the United States on the first of each month*

[Thousand pounds, i. e., 000 omitted]

Month	1915	1916	1917	1918	1919	1920	1921
January-----		23, 558	31, 855	66, 784	19, 823	53, 168	34, 115
February-----		18, 908	22, 113	56, 298	15, 486	43, 631	25, 000
March-----		13, 373	15, 560	37, 743	9, 837	34, 039	17, 477
April-----		8, 443	9, 842	27, 965	6, 750	23, 431	14, 294
May-----		6, 546	7, 928	17, 736	6, 027	16, 963	13, 466
June-----		7, 301	11, 626	20, 395	12, 478	13, 502	17, 814
July-----		16, 357	34, 159	30, 054	37, 501	29, 654	34, 948
August-----		31, 569	67, 595	48, 804	62, 645	51, 512	41, 284
September--	28, 575	46, 776	91, 545	55, 742	76, 661	60, 372	46, 635
October-----	24, 144	49, 579	90, 671	42, 065	81, 359	55, 007	45, 163
November--	32, 428	45, 713	78, 087	33, 402	72, 889	48, 566	42, 969
December--	31, 271	37, 080	75, 166	25, 625	62, 568	39, 921	34, 055

Month	1922	1923	1924	1925	1926	1927
January-----	27, 691	33, 617	49, 566	49, 187	58, 457	54, 596
February-----	21, 430	26, 593	40, 506	41, 552	50, 359	46, 026
March-----	15, 006	20, 693	35, 160	34, 647	42, 587	39, 382
April-----	10, 745	14, 465	28, 294	27, 716	38, 041	35, 193
May-----	10, 868	14, 077	26, 202	26, 147	35, 597	32, 487
June-----	15, 481	17, 507	27, 172	29, 550	39, 346	35, 826
July-----	33, 130	36, 834	45, 239	46, 468	54, 069	49, 999
August-----	46, 580	55, 839	65, 864	66, 634	73, 681	67, 091
September--	53, 625	63, 960	76, 406	76, 512	81, 297	69, 749
October-----	49, 473	62, 384	73, 153	78, 582	77, 646	65, 453
November--	40, 852	57, 927	67, 905	71, 913	72, 491	59, 035
December-----	37, 291	55, 105	58, 705	66, 495	63, 881	53, 447

TABLE 65.—*Apparent monthly consumption of cheese*

Month	1920	1921	1922	1923
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January.....	27, 175, 328	28, 756, 448	28, 432, 826	31, 129, 601
February.....	28, 400, 849	27, 530, 374	27, 665, 362	29, 398, 468
March.....	34, 120, 302	29, 758, 486	32, 092, 846	33, 031, 696
April.....	33, 651, 841	31, 693, 936	30, 629, 954	33, 093, 980
May.....	43, 001, 606	40, 886, 604	38, 844, 998	40, 680, 029
June.....	34, 978, 590	29, 695, 547	30, 900, 128	35, 855, 772
July.....	21, 119, 791	26, 040, 705	31, 553, 021	30, 942, 280
August.....	23, 112, 425	32, 392, 842	32, 396, 339	35, 856, 519
September.....	37, 609, 659	34, 333, 918	40, 067, 530	43, 078, 507
October.....	34, 627, 535	36, 658, 433	49, 064, 436	46, 896, 199
November.....	30, 814, 218	34, 559, 650	35, 843, 783	34, 107, 155
December.....	24, 646, 052	28, 200, 487	30, 415, 302	34, 728, 263
Total.....	375, 658, 196	380, 507, 430	407, 906, 525	423, 798, 467

Month	1924	1925	1926
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January.....	36, 126, 529	54, 157, 210	38, 673, 000
February.....	33, 462, 262	33, 336, 327	41, 017, 000
March.....	40, 950, 305	39, 583, 372	43, 015, 000
April.....	40, 551, 920	40, 233, 096	45, 349, 000
May.....	44, 784, 412	49, 366, 233	48, 978, 000
June.....	39, 729, 098	44, 334, 247	33, 120, 000
July.....	32, 077, 170	36, 616, 253	39, 801, 000
August.....	34, 321, 306	39, 023, 334	43, 157, 000
September.....	48, 263, 624	42, 449, 766	46, 278, 000
October.....	43, 203, 001	49, 980, 032	46, 121, 000
November.....	39, 246, 821	40, 143, 754	42, 303, 000
December.....	34, 763, 016	38, 409, 023	38, 981, 000
Total.....	467, 479, 464	487, 635, 652	510, 479, 000

TABLE 66.—*Imports and exports of cheese*

[Foreign and Domestic Commerce reports (YB)]

Year ended June 30—	Imports	Exports	Year ended June 30—	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1851.....	603, 393	10, 361, 189	1916.....	30, 087, 999	44, 394, 301
1860.....	1, 401, 161	15, 515, 799	1917.....	14, 481, 514	66, 050, 013
1870 ¹	2, 289, 257	57, 296, 327	1918.....	9, 839, 305	44, 303, 076
1880.....	2, 737, 186	127, 553, 907	1919.....	2, 442, 306	18, 794, 853
1881 ¹	2, 655, 370	147, 995, 614	1920.....	17, 913, 682	19, 378, 158
1890.....	9, 263, 573	95, 376, 053	1920 ²	15, 993, 725	16, 291, 319
1900.....	13, 455, 990	48, 419, 353	1921 ¹	26, 866, 404	11, 771, 971
1910.....	40, 817, 524	2, 846, 709	1922.....	46, 573, 099	5, 006, 574
1911.....	45, 568, 797	10, 366, 605	1923.....	64, 419, 788	8, 331, 321
1912.....	46, 542, 007	6, 337, 559	1924.....	59, 175, 591	4, 299, 127
1913.....	49, 387, 994	2, 599, 058	1925.....	62, 402, 706	9, 190, 054
1914.....	63, 784, 313	2, 427, 577	1926.....	73, 416, 823	3, 902, 597
1915.....	50, 138, 520	55, 362, 917			

¹ Imports for 1870 and 1880 from Evans Report, Senate Report, second session Fifty-third Congress.² Year ended Dec. 31 for year 1920 and thereafter

TABLE 67.—Cheese imported from France, Greece, Italy, and Switzerland

[Foreign and Domestic Commerce Reports]

[Thousand pounds, i. e., 000 omitted]

Year ended June 30	France	Greece	Italy	Switzerland
1910.....	3, 673	1, 778	17, 122	14, 105
1911.....	3, 756	2, 598	18, 647	15, 508
1912.....	3, 833	2, 704	20, 625	15, 147
1913.....	3, 983	2, 089	21, 326	17, 372
1914.....	5, 419	3, 213	26, 454	22, 490
1915.....	3, 554	3, 003	25, 662	14, 767
1916.....	2, 322	1, 132	16, 034	9, 514
1917.....	1, 937	84	8, 482	1, 641
1918.....	1, 026	-----	16	-----
1919.....	452	-----	-----	-----
1920.....	811	7	1, 096	607
1921.....	2, 417	85	1, 186	1, 068
1922 ¹	3, 259	4	16, 628	12, 011
1923.....	5, 121	1, 456	28, 034	16, 982
1924.....	4, 444	1, 817	31, 256	13, 632
1925.....	5, 567	1, 491	33, 829	15, 993
1926.....	5, 424	2, 570	35, 026	16, 736

¹ Calendar year 1922 and thereafter.

TABLE 68.—Cheese prices: Average of the highest wholesale quotation on American Cheddar cheese in New York State and New York market

[Producers' Price Current, and New York Produce Review]

Year	Price per pound	Year	Price per pound	Year	Price per pound
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1851.....	5. 7	1912.....	16. 4	1920.....	26. 7
1860.....	11. 0	1913.....	15. 4	1921.....	23. 0
1870.....	¹ 19. 2	1914.....	15. 6	1922.....	22. 3
1880.....	13. 7	1915.....	15. 5	1923.....	25. 2
1890.....	9. 5	1916.....	19. 0	1924.....	20. 5
1900.....	11. 2	1917.....	24. 4	1925.....	24. 2
1910.....	16. 4	1918.....	27. 2	1926.....	23. 3
1911.....	14. 1	1919.....	² 32. 2	1927.....	25. 7

¹ Price in gold, 16.7 cents.

² The quotations for 1851 and 1860 are from market centers outside of New York City. From 1870 on they are for New York City. For 1919 and later years from Bureau of Agricultural Economics.

TABLE 69.—*Swiss cheese price: Average of highest wholesale quotations on domestic Swiss cheese (round) on the Chicago market*

[Butter, Cheese, and Egg Journal]

Year	Price per pound	Year	Price per pound	Year	Price per pound
	<i>Cents</i>		<i>Cents</i>		<i>Cents</i>
1900-----	12. 79	1909-----	15. 48	1918-----	43. 60
1901-----	13. 19	1910-----	18. 87	1919-----	53. 32
1902-----	13. 06	1911-----	15. 04	1920-----	48. 55
1903-----	12. 70	1912-----	18. 66	1921-----	43. 2
1904-----	11. 76	1913-----	18. 51	1922-----	32. 8
1905-----	11. 72	1914-----	16. 79	1923-----	35. 7
1906-----	12. 64	1915-----	18. 57	1924-----	35. 5
1907-----	15. 35	1916-----	29. 07	1925-----	35. 9
1908-----	12. 09	1917-----	36. 23	1926-----	35. 2

TABLE 70.—*Production of condensed and evaporated milk*

[Bureau of the Census and Bureau of Agricultural Economics]

Year	Production as reported to the Bureau of the Census	Year	Production as reported to the Bureau of Agricultural Economics
	<i>Pounds</i>		<i>Pounds</i>
1869 ¹ -----		1916 ² -----	997, 835, 115
1879-----	13, 033, 267	1917-----	1, 353, 605, 594
1889-----	37, 926, 821	1918-----	1, 674, 899, 000
1899-----	186, 921, 787	1919-----	2, 030, 958, 000
1904-----	308, 485, 182	1920-----	1, 578, 015, 000
1909-----	495, 197, 844	1921-----	1, 464, 163, 000
1914-----	883, 112, 901	1922-----	1, 431, 347, 000
1919-----	2, 096, 973, 252	1923-----	1, 774, 881, 000
1921-----	1, 758, 540, 487	1924-----	1, 700, 548, 000
1923-----	1, 794, 668, 494	1925-----	1, 757, 858, 000
1925-----	1, 712, 591, 000	1926-----	1, 733, 504, 000

¹ There were only four factories, and production was not reported.

² Reporting of production to Bureau of Agricultural Economics began in 1916.

TABLE 71.—*Condensed and evaporated milk production, by States*

[Thousand pounds, i. e., 000 omitted]

State	1918	1919	1920	1921	1922
Ala.....	86	1, 129	223	76	82
Ariz.....	21, 615	16, 364		4, 021	3, 808
Ark.....	331		3, 452		
Calif.....	53, 520	78, 636	83, 464	91, 673	109, 524
Colo.....	18, 698	16, 904	15, 708	17, 883	19, 256
Conn.....	9	27		98	
Del.....				428	415
D. C.....					294
Fla.....	3	76			105
Ga.....					4
Idaho.....	5, 677	11, 093	15, 412	17, 835	10, 661
Ill.....	173, 442	188, 950	120, 987	103, 685	81, 032
Ind.....	18, 689	23, 663	24, 006	30, 481	28, 172
Iowa.....	9, 309	6, 653	5, 615	5, 524	7, 197
Kans.....	15, 091	19, 834	19, 004	18, 480	14, 322
Ky.....	69		240		4
La.....	6				
Me.....	5, 329	6, 894	1, 972	1, 092	501
Md.....	7, 568	9, 111	7, 022	14, 439	13, 197
Mass.....	2, 366	2, 215	2, 383	122	19
Mich.....	141, 850	198, 652	160, 236	133, 541	113, 360
Minn.....	2, 463	2, 360	1, 884	2, 627	2, 087
Mo.....	285	40		484	370
Nebr.....	3, 760	3, 071	182	287	584
Nev.....					51
N. H.....	231	76			
N. J.....	8, 239	10, 571	4, 819	3, 815	4, 991
N. Y.....	326, 107	443, 541	287, 351	232, 401	332, 051
N. C.....				33	127
Ohio.....	102, 437	123, 443	113, 231	89, 791	72, 854
Okla.....					
Oreg.....	32, 005	33, 947	30, 818	26, 997	24, 438
Pa.....	147, 155	181, 898	138, 705	124, 133	119, 947
R. I.....	2				
Tenn.....		1			19
Texas.....	412	12	246	307	22
Utah.....	22, 172	20, 480	16, 943	13, 406	20, 596
Vt.....	30, 410	38, 997	26, 010	23, 771	13, 640
Va.....	3, 555	5, 222	5, 651	2, 602	757
Wash.....	148, 848	129, 483	83, 690	97, 992	84, 469
W. Va.....	203	400	889	1, 556	26
Wis.....	372, 956	457, 215	407, 872	404, 583	352, 367
Total.....	1, 674, 898	2, 030, 958	1, 578, 015	1, 464, 163	1, 431, 349

TABLE 71.—*Condensed and evaporated milk production, by States—Continued*

[Thousand pounds, i. e., 000 omitted]

State	1923	1924	1925	1926
Alabama.....			141	3, 614
Arizona.....	3, 457	4, 452	3, 510	3, 956
California.....	113, 245	125, 145	146, 540	162, 983
Colorado.....	22, 154	25, 953	25, 538	27, 399
Connecticut.....				268
Delaware.....	356			
Idaho.....	13, 668	11, 365	8, 956	9, 265
Illinois.....	109, 500	94, 389	88, 452	93, 523
Indiana.....	52, 713	73, 782	65, 997	43, 455
Iowa.....	12, 382	14, 028	12, 703	12, 417
Kansas.....	16, 654	24, 219	31, 414	36, 333
Kentucky.....	4	78	149	
Louisiana.....	137	42	219	131
Maine.....	968	890	1, 110	1, 675
Maryland.....	14, 671	14, 635	12, 197	11, 442
Massachusetts.....	245	4	58	7
Michigan.....	141, 176	145, 295	146, 668	152, 952
Minnesota.....	3, 013	6, 048	13, 401	20, 220
Mississippi.....	174	452	2, 421	7, 898
Missouri.....	164	5, 549	10, 109	15, 177
Nebraska.....	292	329	440	872
Nevada.....		2		
New Hampshire.....	110	1, 097	1, 023	1, 927
New Jersey.....	6, 172	5, 510	4, 926	4, 949
New York.....	324, 074	236, 264	260, 699	209, 867
North Carolina.....	141	120	107	616
Ohio.....	108, 485	112, 115	100, 956	104, 698
Oklahoma.....	713			
Oregon.....	34, 211	37, 752	29, 611	26, 869
Pennsylvania.....	159, 029	122, 722	113, 809	100, 913
Tennessee.....		95	124	
Texas.....	182			76
Utah.....	25, 544	30, 763	33, 317	36, 496
Vermont.....	20, 144	17, 740	22, 157	26, 629
Virginia.....	897	2, 349	1, 422	3, 085
Washington.....	90, 274	81, 703	86, 444	79, 609
West Virginia.....	21	42	262	693
Wisconsin.....	499, 951	505, 619	532, 978	533, 490
Total.....	1, 774, 881	1, 700, 548	1, 757, 858	1, 733, 504

TABLE 72.—Imports and exports of condensed and evaporated milk

[Foreign Commerce and Navigation reports]

Year ended June 30—	Imports	Exports	Year ended June 30—	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1892-----	1,062,250	(¹)	1918-----	29,926,931	528,759,000
1900-----	472,958	(¹)	1919-----	20,183,723	728,740,509
1910-----	598,134	13,311,318	1920-----	19,080,642	708,463,187
1911-----	630,308	12,180,445	1920 ² ----	23,755,780	411,077,982
1912-----	698,176	20,642,738	1921 ² ----	8,667,626	289,724,820
1913-----	1,778,043	16,525,918	1922 ² ----	5,293,631	187,496,341
1914-----	14,599,339	16,209,082	1923 ² ----	10,398,001	194,234,371
1915-----	33,624,189	37,235,627	1924 ² ----	6,451,713	206,279,758
1916-----	18,174,505	159,577,620	1925 ² ----	4,621,388	147,762,615
1917-----	18,375,698	259,141,000	1926 ² ----	1,663,462	114,549,063

¹ Not reported.

² Year ended Dec. 31.

TABLE 73.—Wholesale prices of condensed milk per case of 4 dozen 14-ounce cans

[Weighted average for United States]

Month	1920	1921	1922	1923	1924	1925	1926
	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>
January-----	8.57	9.41	5.70	6.15	6.36	5.89	6.02
February-----	8.77	8.04	5.29	6.19	6.36	5.95	6.01
March-----	8.70	7.97	5.21	6.15	6.29	5.88	6.01
April-----	8.74	7.80	5.16	6.14	6.10	5.83	6.02
May-----	9.17	6.85	5.17	6.20	6.10	5.82	5.99
June-----	10.10	6.21	5.24	6.31	5.95	5.91	6.00
July-----	10.12	6.26	5.24	6.37	5.76	5.95	6.00
August-----	10.21	6.23	5.30	6.36	5.76	5.92	5.98
September-----	10.10	6.18	5.44	6.35	5.75	6.01	5.88
October-----	9.58	6.21	5.83	6.40	5.70	6.00	6.02
November-----	9.55	5.74	6.07	6.38	5.75	6.02	6.00
December-----	9.39	5.68	6.10	6.36	5.77	6.02	6.02
Average-----	9.42	6.89	5.48	6.28	5.97	5.93	6.00

TABLE 74.—*Wholesale prices of condensed milk: Average price of cases containing forty-eight 14-ounce cans, and of bulk goods per 100 pounds, by sections*

CASE GOODS

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Northwestern	Southwestern	United States, average
	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>
1919.....	7.87	7.85	5.70	7.70	7.84	7.86	7.84	7.52	
1920.....	9.47	9.07	9.67	9.56	9.54	9.64	9.56	9.54	9.51
1921.....	6.74	6.49	7.05	7.01	7.03	7.08	7.25	7.32	6.99
1922.....	5.40	5.37	5.52	5.51	5.47	5.71	5.45	5.67	5.51
1923.....	6.25	6.25	6.35	6.24	6.20	6.42	6.50	6.75	6.37
1924.....	5.98	5.95	6.09	5.92	5.88	6.11	5.63	5.63	5.89
1925.....	5.87	5.83	5.95	5.84	5.91	6.02	6.07	6.12	5.91
1926.....	5.94	5.91	6.02	5.97	6.00	6.17	6.08	6.10	6.00

BULK GOODS

1919.....	14.16	14.24	12.00	13.41	12.31	15.00	13.45	11.62	13.27
1920.....	17.72	18.39	17.80	17.62	17.24	11.76	17.80	18.33	17.08
1921.....	10.69	10.80	10.76	10.32	10.70	10.78	11.24	10.77	10.76
1922.....	9.57	10.13	9.71	9.30	9.72	9.81	9.57	9.50	9.65
1923.....	11.94	11.91	11.91	11.45	11.49	12.02	11.31	11.97	11.75
1924.....	10.15	10.13	9.99	10.11	9.39	10.04	10.38	10.25	10.06
1925.....	10.19	10.46	10.36	10.07	10.05	10.37	10.41	10.35	10.22
1926.....	9.89	10.51	10.02	10.15	10.04	10.47	10.47	10.53	10.25

TABLE 75.—Average wholesale prices of evaporated milk:
Prices for cases of forty-eight 16-ounce cans, and of
bulk goods per 100 pounds, by sections

CASE GOODS

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Northwestern	Southwestern	United States, average
	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>	<i>Dolls.</i>
1919.....	6.17	6.26	5.80	6.01	6.03	-----	5.79	5.77	5.98
1920.....	5.82	5.85	5.88	5.64	5.81	5.88	5.71	5.73	5.79
1921.....	5.08	5.02	5.18	4.85	5.05	5.23	5.04	5.07	5.07
1922.....	4.10	4.10	4.18	3.96	3.98	4.18	4.09	4.21	4.10
1923.....	4.62	4.63	4.70	4.47	4.52	4.70	4.44	4.55	4.58
1924.....	4.16	4.15	4.27	3.97	4.01	4.23	4.01	4.15	4.12
1925.....	4.26	4.21	4.30	4.06	4.11	4.32	4.13	4.28	4.19
1926.....	4.37	4.29	4.41	4.17	4.24	4.43	4.27	4.30	4.31

BULK GOODS

1919.....	3.40	3.33	3.04	3.16	2.92	3.43	2.91	2.81	3.13
1920.....	3.59	3.32	3.03	2.97	2.82	-----	2.76	2.73	3.03
1921.....	9.43	10.49	10.66	8.06	8.76	8.25	9.13	11.50	9.54
1922.....	9.63	9.11	9.60	7.72	7.82	-----	-----	-----	8.78
1923.....	10.29	10.45	-----	8.61	8.54	-----	-----	-----	9.47
1924.....	9.38	9.65	9.46	8.28	8.32	-----	-----	-----	9.02
1925.....	8.94	10.05	9.35	8.32	7.82	9.50	11.00	-----	9.07
1926.....	9.17	9.76	9.50	7.82	8.00	-----	-----	-----	8.80

TABLE 76.—*Stocks of condensed and evaporated milk: Total in manufacturers' hands on the first of each month (case and bulk goods)*

[Thousand pounds, i. e., 000 omitted]

Month	1920	1921	1922	1923
January.....	122, 917	238, 894	189, 355	67, 780
February.....	106, 986	180, 745	176, 440	79, 772
March.....	136, 530	135, 967	155, 662	83, 815
April.....	237, 005	103, 699	141, 883	101, 000
May.....	226, 382	118, 318	145, 779	126, 530
June.....	218, 349	178, 367	173, 827	170, 583
July.....	243, 571	232, 558	187, 518	190, 343
August.....	245, 915	235, 056	161, 856	194, 350
September.....	275, 156	174, 254	158, 368	228, 348
October.....	315, 381	177, 672	122, 833	225, 940
November.....	302, 800	172, 410	86, 788	211, 334
December.....	274, 681	188, 709	69, 042	191, 149

Month	1924	1925	1926	1927
January.....	191, 418	123, 428	156, 272	101, 581
February.....	155, 349	91, 205	136, 015	80, 179
March.....	138, 362	90, 869	118, 346	70, 180
April.....	127, 464	110, 565	115, 417	66, 610
May.....	142, 838	140, 899	128, 496	82, 784
June.....	199, 986	193, 307	153, 710	148, 779
July.....	288, 459	187, 636	228, 156	229, 433
August.....	282, 431	194, 865	242, 102	277, 080
September.....	242, 635	212, 903	241, 547	300, 035
October.....	202, 977	207, 263	207, 422	280, 672
November.....	180, 054	185, 624	174, 909	256, 583
December.....	159, 593	165, 682	137, 531	207, 826

TABLE 77.—*Condensed buttermilk: Production by months, 1919-1926*

[Thousand pounds, i. e., 000 omitted]

Month	1919 ¹	1920	1921	1922	1923	1924	1925	1926
January.....	647	1, 764	2, 523	2, 287	3, 249	4, 387	4, 225	6, 474
February.....	504	1, 792	2, 456	1, 927	2, 851	4, 084	3, 702	5, 956
March.....	525	2, 161	2, 979	2, 289	3, 377	3, 974	4, 071	6, 962
April.....	742	1, 992	2, 777	4, 004	3, 699	4, 130	5, 070	7, 002
May.....	3, 349	2, 711	3, 473	6, 006	5, 576	6, 112	7, 671	8, 497
June.....	3, 755	3, 906	2, 171	6, 566	6, 197	7, 446	8, 979	10, 838
July.....	3, 661	4, 682	1, 847	4, 438	5, 664	8, 193	9, 224	9, 100
August.....	3, 031	3, 969	1, 807	3, 929	5, 370	6, 397	8, 792	7, 478
September.....	2, 425	3, 158	2, 525	3, 334	4, 802	6, 126	6, 518	7, 004
October.....	1, 402	2, 397	2, 040	3, 083	4, 876	6, 363	7, 233	6, 359
November.....	1, 180	1, 977	2, 311	3, 107	4, 636	4, 956	5, 781	5, 847
December.....	1, 315	2, 030	2, 405	3, 373	4, 536	4, 669	5, 813	5, 170
Total.....	22, 536	32, 539	29, 314	44, 343	54, 833	66, 837	77, 079	86, 687

¹ The figures for 1919 are preliminary to show trend. The final total for the year is found in Table 43. A few late reports were added to make the total, but monthly totals were not corrected.

TABLE 78.—*Milk powder: Production, by years, 1914-1926*

[Bureau of Agricultural Economics and Bureau of the Census]

Year	Whole-milk powder	Skim-milk powder	Total
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1914 ¹	-----	-----	20,987,911
1916 ²	2,123,251	16,463,362	18,586,613
1917	3,138,809	22,624,357	25,763,166
1918	4,005,663	26,202,406	30,208,068
1919	9,042,000	34,945,416	43,987,416
1920	10,334,000	41,893,000	52,227,000
1921	4,242,471	38,545,718	42,788,189
1922	5,599,000	40,617,000	46,216,000
1923	6,560,000	62,251,000	68,811,000
1924	7,887,000	69,219,000	77,106,000
1925	8,931,000	73,317,000	82,248,000
1926	10,768,000	91,718,000	102,486,000

¹ Census.

² 1916 and thereafter from the Bureau of Agricultural Economics.

NOTE.—Milk powder, including all kinds, was reported by the census for 1921 as 60,985,251 pounds, and for 1923 as 123,025,297 pounds; 1925, 87,913,000, preliminary.

TABLE 79.—*Dry skim milk: Total stocks in manufacturer's hands on the first of each month, 1921-1927*

[Bulk, packed in barrels]

[Thousand pounds, i. e., 000 omitted]

Month	1921	1922	1923	1924	1925	1926	1927
January	11,784	8,854	1,677	8,215	6,837	4,459	8,993
February	11,373	9,526	2,275	9,843	5,003	4,205	7,950
March	16,729	8,090	2,639	11,296	4,311	4,331	6,246
April	11,030	7,695	4,519	12,252	4,268	4,289	6,180
May	10,632	8,415	3,155	12,670	4,849	6,092	6,255
June	11,093	9,470	5,011	12,439	6,128	8,136	7,855
July	11,040	7,817	5,416	12,853	5,315	10,217	9,644
August	11,835	7,195	5,397	13,924	4,879	11,652	10,811
September	8,862	4,465	4,629	12,940	6,083	12,277	10,526
October	9,241	2,971	6,520	12,476	5,611	12,048	8,083
November	8,069	2,680	7,694	10,313	5,255	10,926	7,352
December	8,001	1,943	6,724	7,617	4,730	9,393	6,524

TABLE 80.—*Production of buttermilk powder and malted milk, by years*

Year	Buttermilk powder	Malted milk
	<i>Pounds</i>	<i>Pounds</i>
1916.....	342,485	11,654,384
1917.....	2,557,228	13,851,939
1918.....	4,951,296	15,622,876
1919.....	5,278,827	17,435,887
1920.....	5,704,000	19,715,000
1921.....	7,703,384	15,651,750
1922.....	9,007,000	13,659,000
1923.....	13,032,000	15,331,000
1924.....	18,058,000	15,889,000
1925.....	20,246,000	18,050,000
1926.....	31,378,000	20,673,000

TABLE 81.—*Casein: Production, importation, value of imports, and import price*

[Foreign Commerce and Navigation reports]

Year	Production	Imports ¹	Value of imports ¹	Import price per pound ¹
	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Cents</i>
1899 ²	12,298,405			
1904 ²	11,581,874			
1906.....			61,004	
1907.....		1,557,904	92,622	4.4
1908.....		263,471	13,471	5.0
1909.....		2,447,332	184,815	7.6
1909 ²	13,018,298	3,769,476	304,001	8.1
1911.....		13,011,018	1,109,466	8.5
1912.....		9,138,338	803,845	9.1
1913.....		8,805,891	649,371	7.4
1914 ²	18,570,220	10,798,614	705,264	6.5
1915.....		7,919,992	498,897	6.3
1916.....	8,421,973	10,376,641	984,899	9.4
1917.....	8,342,350	12,319,111	1,843,492	14.9
1918.....	11,338,484	12,133,855	1,765,653	14.5
1919.....	14,407,394	8,125,175	959,995	
1920.....	11,526,000	³ 21,238,822	2,431,666	11.5
1921.....	8,076,300	9,717,238	842,753	8.7
1922.....	6,927,000	14,342,498	1,367,828	9.5
1923.....	14,548,000	26,489,992	4,409,744	16.6
1924.....	20,759,000	17,749,985	1,384,661	7.8
1925.....	16,660,000	18,803,816	1,573,335	8.4
1926.....	16,953,000	26,281,126	2,851,537	8.5

¹ Imports, values and prices are for fiscal year ended June 30 from 1899 to 1919, inclusive.

² Census figures; other production figures from Department of Agriculture; imports from Department of Commerce.

³ All figures are for calendar year 1920 and thereafter.

TABLE 82.—*Milk sugar (production and importation lactose)*

[Production from the Bureau of the Census and Bureau of Agricultural Economics, and imports from Foreign Commerce and Navigation]

Year	Production ¹	Importation ²	Year	Production ¹	Importation ²
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1906-----		4,700	1918 ³ -----	3,291,461	-----
1910-----		4,960	1919 ³ -----	6,615,874	-----
1911-----		4,732	1920 ³ -----	5,583,000	-----
1912-----		2,697	1921 ³ -----	2,890,263	(⁴)
1913-----		9,026	1922 ³ -----	2,191,000	-----
1914 ⁴ -----	4,051,320	578,727	1923 ³ -----	2,872,000	-----
1915-----		250,212	1924 ³ -----	3,331,000	-----
1916 ³ -----	1,844,228	22,400	1925 ³ -----	5,655,000	-----
1917 ³ -----	2,155,076	-----	1926 ³ -----	4,476,000	-----

¹ Calendar year.⁴ Census.² Fiscal year ended June 30.⁵ Imports not separately listed 1921³ Bureau of Agricultural Economics. to 1926.

NOTE.—Census production for 1921 was 5,010,668 pounds; for 1923, 7,746,805 pounds; and for 1925, 6,126,000 pounds.

TABLE 83.—*Ice cream: Estimated total production in the United States, by years*

Year	Total production	Year	Total production
	<i>Gallons</i>		<i>Gallons</i>
1909 ¹ -----	80,000,000	1918-----	220,000,000
1910-----	95,450,000	1919-----	230,000,000
1911-----	138,000,000	1920-----	260,000,000
1912-----	160,000,000	1921-----	244,000,000
1913-----	172,380,000	1922-----	263,520,000
1914-----	163,761,000	1923-----	294,900,000
1915-----	175,224,000	1924-----	285,500,000
1916-----	208,320,000	1925-----	322,729,000
1917 ² -----	210,000,000	1926-----	324,665,000

¹ From the International Confectioner from 1909 to 1916, inclusive.² Estimates from 1917 to 1926 made by Bureau of Agricultural Economics.TABLE 84.—*Ice cream: Reported seasonal production for the year 1925 for 3,044 factories ¹*

[Thousand gallons, i. e., 000 omitted]

Month, 1925	Quantity made	Month, 1925	Quantity made
January-----	6,932	August-----	29,785
February-----	8,562	September-----	23,081
March-----	11,605	October-----	10,407
April-----	17,457	November-----	8,586
May-----	22,380	December-----	7,761
June-----	34,647		
July-----	33,179	Total-----	214,382

¹ The reported production of ice cream is considered to be about 65 per cent of the total production.

TABLE 85.—*Balance of trade of dairy products*

[Foreign Commerce and Navigation reports]

BUTTER

Year	Exports	Imports	Net	Milk equivalent
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1909-1913...	4, 125, 000	1, 647, 000	E 2, 479, 000	E 52, 059, 000
1918.....	26, 194, 415	1, 655, 467	E 24, 538, 948	E 515, 317, 908
1919.....	34, 556, 485	9, 519, 368	E 25, 037, 117	E 525, 779, 457
1920.....	17, 487, 735	37, 454, 172	I 19, 966, 437	I 419, 295, 177
1921.....	8, 014, 737	18, 558, 388	I 10, 543, 651	I 221, 416, 671
1922.....	10, 937, 519	6, 957, 159	E 3, 980, 360	E 83, 587, 560
1923.....	5, 845, 514	23, 741, 247	I 17, 895, 733	I 375, 810, 393
1924.....	8, 256, 622	19, 404, 816	I 11, 148, 194	I 234, 112, 074
1925.....	5, 342, 740	7, 212, 013	I 1, 869, 263	I 39, 254, 733
1926.....	5, 482, 992	8, 029, 191	I 2, 546, 075	I 53, 467, 575
1927.....	4, 341, 208	8, 459, 741	I 4, 118, 533	I 86, 489, 193

CHEESE

1909-1913...	5, 142, 000	46, 346, 000	I 41, 204, 000	I 412, 040, 000
1918.....	48, 404, 672	7, 562, 044	E 40, 842, 628	E 408, 426, 280
1919.....	14, 159, 721	11, 332, 204	E 2, 827, 517	E 28, 275, 170
1920.....	16, 291, 529	15, 993, 725	E 297, 804	E 2, 978, 040
1921.....	11, 771, 971	26, 866, 404	I 15, 095, 433	I 150, 954, 330
1922.....	5, 006, 574	46, 573, 099	I 41, 566, 525	I 415, 665, 250
1923.....	8, 331, 321	64, 419, 788	I 56, 088, 467	I 560, 884, 670
1924.....	4, 299, 127	59, 175, 591	I 54, 876, 464	I 548, 764, 640
1925.....	9, 190, 054	62, 402, 706	I 53, 212, 652	I 532, 126, 520
1926.....	3, 902, 597	78, 416, 823	I 74, 514, 226	I 745, 142, 260
1927.....	3, 410, 289	79, 796, 062	I 76, 385, 773	I 763, 857, 730

CONDENSED AND EVAPORATED MILK

1909-1913...	15, 760, 000	1, 406, 000	E 14, 354, 000	E 35, 885, 000
1918.....	551, 139, 754	10, 904, 998	E 540, 234, 756	E 1, 350, 586, 890
1919.....	852, 865, 414	16, 509, 239	E 836, 356, 175	E 2, 090, 890, 437
1920.....	411, 077, 982	23, 755, 780	E 387, 322, 202	E 968, 305, 505
1921.....	289, 724, 820	8, 667, 626	E 281, 057, 194	E 702, 642, 985
1922.....	187, 496, 841	5, 293, 631	E 182, 203, 210	E 455, 508, 025
1923.....	194, 264, 371	10, 398, 001	E 183, 866, 370	E 459, 665, 925
1924.....	206, 279, 758	6, 451, 713	E 199, 828, 045	E 499, 570, 113
1925.....	147, 762, 615	4, 621, 388	E 143, 141, 227	E 357, 853, 068
1926.....	114, 549, 063	1, 663, 462	E 112, 885, 601	E 282, 214, 093
1927.....	98, 402, 532	2, 623, 910	E 95, 778, 622	E 239, 446, 555

	Butter, cheese, and condensed and evaporated milk, combined,
1909-1913.....	I 324, 096, 000
1918.....	E 2, 274, 331, 078
1919.....	E 2, 644, 945, 034
1920.....	E 551, 988, 368
1921 (I=Import).....	E 330, 271, 984
1922 (E=Export).....	E 123, 430, 335
1923.....	I 477, 029, 133
1924.....	I 283, 306, 601
1925.....	I 213, 528, 185
1926.....	I 506, 395, 832
1927.....	I 610, 900, 368

TABLE 87.—*Argentina: Number of dairy cows and total cattle*[Comision del Censo Agropecuario, Estadistica Agricola, and Argentine Yearbook (YB). c=census. e=estimates] ¹

Year	Dairy cows	Total cattle	Year	Dairy cows	Total cattle
1888c-----		21,963,930	1917e----	2,349,000	27,052,000
1895c-----	1,800,799	21,701,526	1918e----	2,378,000	27,392,000
1908c-----	2,163,900	29,116,625	1919-----		
1914c-----	2,246,000	25,866,763	1920-----	2,431,000	
1915e-----	2,291,000	26,387,000	1921-----		
1916e-----	2,319,000	26,717,000	1922c----	3,295,000	37,065,000

¹ Estimates by Argentine Department of Agriculture.TABLE 88.—*Argentina: Number of cattle by classes*
[Report of Third Census, 1914]

Kinds	Milk cows	Cows for breeding	Bulls	Calves and young stock	Steers and oxen	Total cattle
Purebred-----	29,287	218,833	61,846	97,367		407,333
Mixed breed----	1,263,738	7,785,591	307,669	6,734,650	233,044	16,324,692
Criollos (native)-----	953,090	3,830,096	308,661	3,536,736	506,155	9,134,738
Total-----	2,246,115	11,834,520	678,176	10,368,753	739,199	25,866,763

TABLE 89.—*Argentina: Factory production of butter and cheese*

[Estadistica Agricola]

Year	Butter production ¹	Cheese production ¹	Year	Butter production ¹	Cheese production ¹
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1903-----	19,477,924	2,619,086	1915-----	22,367,645	14,946,000
1904-----			1916-----	24,826,000	19,195,452
1905-----	19,475,371	4,299,897	1917-----	33,404,099	35,050,935
1906-----	17,733,305	3,073,887	1918-----	53,924,516	45,009,114
1907-----	14,832,672	4,124,411	1919-----	56,722,973	49,893,528
1908-----	15,978,170	4,135,770	1920-----	63,206,336	55,579,500
1909-----	15,766,680	6,799,630	1921-----	72,294,956	52,265,301
1910-----	16,617,131	6,044,878	1922-----	73,616,008	47,511,469
1911-----	17,427,498	7,745,993	1923-----	90,272,731	47,257,909
1912-----	20,849,689	11,962,256	1924-----	86,117,099	38,157,845
1913-----	22,482,506	12,542,893	1925-----	273,334,388	34,021,579
1914-----	20,518,984	11,933,500	1926 ² ----	76,048,900	

¹ Factory production only.² Preliminary.

TABLE 90.—*Argentina: Imports and exports of butter, cheese, condensed milk, and casein*

[Argentina Yearbook, Estadística Agrícola, Del Comercio Exterior, Vol. 1]

Year	Butter		Cheese	
	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1870.....	103,001		1,263,317	
1880.....	240,777	8,721	1,252,457	3,104
1890.....			2,620,504	
1900.....			3,028,728	1,887
1910.....	1,375	6,341,589	9,536,041	809
1911.....	150,175	3,076,812	10,845,390	1,141
1912.....	322,409	8,105,666	11,848,807	4,281
1913.....	12,504	8,343,077	11,122,295	16,186
1914.....	182,307	7,675,663	8,453,245	8,216
1915.....	798	10,191,151	7,305,954	13,344
1916.....	705	12,502,171	3,133,278	502,011
1917.....	804	21,671,557	689,356	6,015,015
1918.....	249	41,820,997	81,894	14,177,253
1919.....	9,920	44,881,246	209,242	19,561,969
1920.....	9,499	47,368,035	624,997	13,574,928
1921.....	6,589	56,905,135	542,615	14,333,147
1922.....	5,185	53,977,426	1,474,253	14,829,345
1923.....	6,250	61,486,294	2,358,864	11,670,077
1924.....	3,142	65,436,937	2,546,298	3,461,403
1925.....	6,468	59,281,694	3,402,289	657,352
1926.....				

Year	Condensed milk		Casein exports
	Imports	Exports	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1870.....			
1880.....			
1890.....			
1900.....			
1910.....			
1911.....	775,250		4,780,343
1912.....			7,717,125
1913.....	963,503		7,597,025
1914.....	571,000		6,448,455
1915.....			5,749,597
1916.....			6,506,837
1917.....			10,751,834
1918.....			7,857,194
1919.....			23,602,000
1920.....		365,550	20,939,000
1921.....	617,162		18,664,143
1922.....	818,636	263,493	22,123,161
1923.....	1,016,265	156,277	24,474,000
1924.....	946,000	13,000	33,058,000
1925.....	1,187,000	5,000	38,792,000
1926.....			

TABLE 91.—*Australia: Number of dairy cows and total cattle*

[Australian Yearbook (YB)]

Year	Dairy cows	Total cattle	Year	Dairy cows	Total cattle
1788-----		16	1914-----	1,938,834	11,047,677
1792-----		23	1915-----	1,684,393	9,931,416
1800-----		1,044	1916-----	1,747,351	10,467,737
1851-----		1,921,963	1917-----	1,904,906	11,956,024
1861-----		4,039,839	1918-----	1,902,036	12,738,852
1871-----		4,713,820	1919-----	1,908,536	12,711,067
1881-----		8,709,628	1920-----	2,055,638	13,449,737
1891-----		11,112,112	1921-----	2,343,221	14,441,309
1900-----	1,143,276	8,640,225	1922-----	2,419,809	14,336,673
1910-----	2,034,599	11,744,714	1923-----	2,304,644	13,357,508
1911-----	2,120,469	11,828,954	1924-----		13,309,473
1912-----	2,056,143	11,577,259	1925-----		
1913-----	2,068,195	11,483,882			

¹ The first importation of cattle was in 1788 and consisted of 6 head.TABLE 92.—*Australia: Production of milk and butter*
[Yearbook and Bulletin of Production]

Year	Total milk produced	Butter		
		Factory	Farm	Total
	<i>Gallons</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1901-----				101,671,066
1902-----				
1903-----				100,332,242
1904-----				140,255,208
1905-----				140,898,726
1906-----				159,934,617
1907-----	475,860,552			156,380,670
1908-----	447,509,376	129,157,191	16,160,166	145,317,357
1909-----	481,092,361	136,007,354	18,265,898	154,273,252
1910-----	572,998,277	174,227,684	18,984,225	193,211,909
1911-----	594,726,964	195,228,256	16,345,489	211,573,745
1912-----	555,524,508	171,042,044	16,152,117	187,194,161
1913-----	583,785,215	181,386,305	17,371,933	198,758,238
1914 ¹ -----				
1915-----	571,150,263	178,778,836	15,191,576	193,970,412
1916-----	434,773,360	121,664,559	16,007,754	137,672,313
1917-----	549,684,701	165,038,927	17,431,851	182,470,778
1918-----	607,362,725	183,301,056	17,195,958	200,497,014
1919-----	558,369,526	165,241,772	16,560,903	181,802,675
1920-----	529,567,149	149,846,687	15,802,104	165,648,791
1921-----	623,275,221	190,081,929	17,999,935	208,081,864
1922-----	755,260,290	247,412,254	19,659,086	267,071,340
1923-----	685,310,000	226,665,853	8,330,000	234,996,000
1924-----	672,531,523	207,031,632	19,634,231	226,665,853
1925-----	862,393,709	294,558,397	19,393,894	313,952,291
1926-----				

¹ Year ended June 30 after 1914.

TABLE 93.—*Australia: Production of cheese and condensed and powdered milk*

[Yearbook and Bulletin of Production]

Year	Cheese			Condensed and powdered milk
	Factory	Farm	Total	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1901.....			11, 575, 692	
1902.....				
1903.....			13, 423, 674	
1904.....			12, 635, 257	
1905.....			13, 155, 030	
1906.....			14, 847, 953	
1907.....			13, 383, 563	7, 949, 022
1908.....	11, 120, 147	3, 639, 641	14, 759, 788	9, 643, 551
1909.....	11, 885, 754	3, 919, 083	15, 774, 837	12, 926, 201
1910.....	12, 060, 474	4, 476, 537	16, 537, 011	12, 491, 261
1911.....	12, 167, 733	3, 718, 979	15, 886, 712	22, 983, 707
1912.....	11, 946, 221	4, 214, 270	16, 160, 491	30, 059, 911
1913.....	14, 219, 305	5, 524, 110	19, 743, 415	32, 684, 483
1914 ¹				
1915.....	16, 666, 773	4, 573, 638	21, 240, 411	32, 063, 829
1916.....	12, 108, 959	3, 720, 267	15, 829, 226	26, 997, 000
1917.....	21, 207, 961	4, 200, 911	25, 408, 872	45, 694, 897
1918.....	23, 907, 143	3, 523, 662	27, 430, 805	56, 188, 045
1919.....	20, 995, 399	2, 794, 841	23, 790, 240	62, 777, 729
1920.....	23, 825, 870	2, 370, 402	26, 196, 272	66, 359, 102
1921.....	22, 667, 879	1, 492, 645	24, 160, 524	70, 944, 480
1922.....	31, 708, 613	944, 390	32, 653, 003	70, 383, 328
1923.....	22, 868, 757	841, 802	23, 710, 559	51, 461, 000
1924.....	24, 464, 140	916, 385	25, 380, 525	64, 389, 817
1925.....	30, 641, 092	801, 200	31, 442, 292	62, 009, 230

¹ Year ended June 30 after 1914.

TABLE 98.—*Canada: Production of butter, farm and factory*

[Dairy and Cold Storage Commissioner's reports, and Yearbooks]

Year	Factory butter	Farm butter	Total butter
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1870		75, 173, 000	75, 173, 000
1880		102, 545, 169	102, 545, 169
1890		111, 577, 210	111, 577, 210
1900	36, 036, 739	105, 343, 076	141, 409, 815
1910	64, 698, 165	137, 110, 200	201, 808, 365
1915	83, 991, 453		
1916	82, 564, 130		
1917	87, 526, 939		
1918	93, 266, 876		
1919	101, 554, 131	125, 000, 000	226, 554, 131
1920	111, 691, 718	103, 487, 000	215, 179, 000
1921	128, 744, 610	¹ 100, 000, 000	228, 744, 610
1922	152, 501, 900	¹ 100, 000, 000	252, 501, 900
1923	162, 834, 608	¹ 100, 000, 000	262, 834, 608
1924	178, 893, 937	¹ 100, 000, 000	278, 893, 937
1925	169, 494, 967	¹ 100, 000, 000	269, 494, 967
1926	174, 934, 338	¹ 100, 000, 000	274, 934, 338

¹ Official estimates.TABLE 99.—*Canada: Production of cheese*

[Dairy and Cold Storage Commissioner's reports, and Yearbooks]

Year	Factory cheese	Farm cheese	Total cheese
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1870		5, 140, 000	23, 000, 000
1880		3, 184, 996	61, 000, 000
1890		6, 177, 000	109, 000, 000
1900	220, 833, 269		
1910	199, 904, 205	1, 371, 092	201, 275, 297
1915	183, 887, 837		¹ 183, 887, 837
1916	192, 968, 597		192, 968, 597
1917	194, 904, 336		194, 904, 336
1918	174, 881, 957		174, 881, 957
1919	167, 734, 982		167, 734, 982
1920	149, 201, 856		149, 201, 856
1921	162, 117, 494		162, 117, 494
1922	135, 821, 162		135, 821, 162
1923	151, 624, 376		151, 624, 376
1924	149, 707, 530		149, 707, 530
1925	177, 139, 113		177, 139, 113
1926	166, 180, 455		166, 180, 455

¹ Farm cheese not important after 1911, being less than 1,000,000 pounds.

TABLE 100.—*Canada: Production of condensed and powdered milk*

[Canadian News Letter, and Dairy and Cold Storage Commissioner's reports]

Year	Condensed and evapo- rated milk	Milk powder	Skim-milk powder
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1910-----	27,811,596	5,323,537	-----
1917-----	61,520,811	3,979,514	-----
1918-----	79,807,971	5,530,915	-----
1919-----	85,961,610	6,591,099	-----
1920-----	92,104,562	7,574,663	-----
1921-----	71,399,962	1,493,909	5,618,700
1922-----	55,139,004	1,430,466	5,922,250
1923-----	¹ 78,147,949	1,325,189	9,796,622
1924-----	77,230,353	1,674,920	10,868,273
1925-----	78,558,574	2,843,942	10,634,699

¹ Includes skim milk.TABLE 101.—*Canada: Imports and exports of butter and cheese*

[Trade and Commerce reports]

Year	Butter		Cheese	
	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1870 ¹ -----	2,000	12,260,887	59,744	5,827,782
1880-----	126,848	18,535,362	106,815	40,368,678
1890-----	381,329	1,951,585	127,556	94,260,187
1900-----	1,098,000	25,259,737	301,098	185,984,430
1910 ² -----	389,000	4,615,380	663,000	180,859,886
1911-----	870,000	3,142,682	842,000	181,895,124
1912-----	1,230,000	8,844,402	890,000	163,450,684
1913-----	1,263,000	828,323	1,450,000	155,216,392
1914-----	711,000	1,228,753	1,479,000	144,478,340
1915-----	2,061,000	2,724,913	1,136,000	137,601,661
1916-----	3,081,000	3,441,183	959,000	168,961,583
1917-----	997,335	7,990,435	785,221	180,733,426
1918-----	434,049	4,926,154	343,269	169,530,753
1919-----	1,939,062	13,659,157	172,943	152,207,037
1920-----	397,955	17,612,605	362,693	126,395,777
1921-----	3,741,628	9,739,414	551,040	133,620,340
1922-----	6,078,882	8,430,591	877,357	133,849,760
1923-----	3,767,573	21,994,578	916,517	114,548,900
1924-----	1,558,102	13,648,968	1,688,296	116,777,000
1925-----	198,341	24,501,981	4,544,485	126,963,200
1926 ³ -----	7,029,084	23,303,865	6,678,757	148,333,500

¹ 1870 to 1900, year ended June 30.² 1910 and after, year ended Mar. 31.³ Preliminary.

TABLE 94.—*Australia: Exports of dairy products*

[Trade customs and excise revenue]

Year	Butter	Cheese	Condensed milk	Milk powder
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1889-----	2,363,088	None.	None.	None.
1890-----	2,976,848	None.	None.	None.
1899-----	13,608,224	None.	None.	None.
1901-----	34,536,277	293,381	None.	None.
1905-----	55,904,151	193,608	None.	None.
1910-----	87,894,943	911,760	266,904	None.
1911-----	101,722,136	1,149,134	370,112	146,960
1912-----	66,679,120	146,022	812,520	833,894
1913-----	75,795,642	1,602,609	1,516,160	1,263,803
1914 ¹ -----				
1915-----	54,021,523	2,542,478	4,765,619	141,777
1916-----	16,722,010	128,229	544,713	163,930
1917-----	74,878,634	10,569,279	15,236,950	540,000
1918-----	72,277,526	8,426,647	25,181,369	400,300
1919-----	41,114,764	2,303,276	27,272,055	662,943
1920-----	39,006,304	7,516,412	33,405,770	2,142,312
1921-----	92,420,995	9,530,221	35,420,367	1,861,187
1922-----	127,347,428	12,670,782	33,286,833	3,391,276
1923-----	78,975,387	5,454,415	15,840,898	5,294,239
1924-----	65,440,700	3,831,000		
1925-----	145,281,326	10,353,950		
1926-----	97,879,700			

¹ Year ended June 30 after 1914. No figures for the year 1914.TABLE 95.—*Austria: Number of cows and total cattle*

[YB]

Year	Cows	Total cattle	Year	Cows	Total cattle
1869-----	3,831,136	7,425,212	1900-----	4,749,152	9,511,170
1880-----	4,138,625	8,584,077	1910-----	4,901,886	9,160,009
1890-----	4,254,303	8,643,936	1923 ¹ -----		2,163,025

¹ Mar. 1.

TABLE 96.—*Belgium: Number of dairy cows and total cattle*

[Annuaire Statistique de la Belgique]

Year	Dairy cows	Total cattle	Year	Dairy cows	Total cattle
1866-----	737, 732	1, 242, 445	1913-----	936, 800	1, 894, 484
1880-----	796, 178	1, 382, 815	1919-----	618, 332	1, 285, 956
1895-----	802, 271	1, 420, 978	1920-----	735, 170	1, 487, 361
1900-----	828, 445	1, 657, 494	1921-----	779, 966	1, 514, 953
1909-----	920, 534	1, 856, 833	1922-----	787, 093	1, 516, 769
1910-----	-----	1, 879, 754	1923-----	820, 692	1, 602, 728
1911-----	-----	1, 812, 191	1924-----	839, 076	1, 627, 655
1912-----	933, 928	1, 830, 747			

TABLE 97.—*Canada: Number of dairy cows and total cattle*

[The Dairy Industry of Canada; and Monthly Bulletin of Agricultural Statistics]

Year ¹	Dairy cows	Total cattle (YB)	Year ¹	Dairy cows	Total cattle (YB)
1871 ² ----	1, 251, 209	2, 624, 290	1917-----	3, 202, 283	7, 920, 940
1881-----	1, 595, 800	3, 433, 989	1918-----	3, 538, 600	10, 045, 867
1891-----	1, 857, 112	4, 120, 586	1919-----	3, 548, 437	10, 085, 011
1901-----	2, 408, 677	5, 576, 451	1920-----	3, 530, 238	9, 477, 380
1910-----	2, 853, 957	7, 104, 893	1921-----	3, 736, 832	8, 519, 484
1911-----	2, 594, 179	6, 526, 083	1922-----	3, 745, 804	9, 719, 869
1912-----	2, 604, 488	6, 431, 861	1923-----	3, 659, 365	9, 246, 231
1913-----	2, 740, 434	6, 656, 121	1924-----	3, 726, 985	9, 460, 836
1914-----	2, 673, 286	6, 036, 817	1925-----	3, 830, 175	9, 277, 298
1915-----	2, 666, 846	6, 066, 001	1926-----	3, 951, 335	9, 160, 150
1916-----	2, 833, 433	6, 594, 151			

¹ On June 15.² Data for 1871 included only Ontario, Quebec, New Brunswick, and Nova Scotia.

TABLE 102.—*Canada: Exports of cream, casein, and condensed and evaporated milk*

[Trade and Commerce Reports, and Bulletin Commercial Series No. 1]

Fiscal year ¹	Cream	Casein	Condensed and evaporated milk
	<i>Gallons</i>	<i>Pounds</i>	<i>Pounds</i>
1911-----	1, 823, 821	1, 515, 172	6, 584, 828
1912-----	886, 266	1, 021, 197	4, 389, 350
1913-----	820, 360	349, 865	335, 849
1914-----	1, 323, 929	270, 486	9, 339, 382
1915-----	1, 895, 575	230, 045	18, 355, 975
1916-----	1, 262, 280	50, 564	13, 247, 834
1917-----	803, 498	50, 588	15, 858, 622
1918-----	585, 601	16, 200	43, 656, 718
1919-----	485, 015	9, 110	50, 786, 856
1920-----	795, 780	-----	54, 247, 498
1921-----	1, 279, 195	-----	49, 147, 541
1922-----	1, 671, 678	23, 615	33, 133, 471
1923-----	1, 712, 241	20, 060	26, 417, 300
1924-----	2, 783, 866	30, 476	44, 128, 400
1925-----	3, 384, 186	120, 505	40, 052, 600

¹ Year ended Mar. 31.TABLE 103.—*Denmark: Number of dairy cows and total cattle*

[Department of Statistics of Denmark, Statistisk Aarbog, and Statistik Arsbok]

Year	Dairy cows	Total cattle (YB)	Year	Dairy cows	Total cattle (YB)
1876-----	898, 012	1, 348, 321	1918 ⁵ -----	1, 024, 417	2, 123, 722
1881-----	898, 790	-----	1919 ⁵ -----	1, 042, 143	2, 188, 142
1893-----	1, 011, 098	1, 696, 190	1920 ⁵ -----	1, 195, 733	2, 286, 408
1903 ¹ -----	1, 089, 073	1, 840, 466	1921 ⁵ -----	1, 271, 514	2, 591, 000
1909 ¹ -----	1, 281, 974	2, 253, 982	1922 ⁵ -----	1, 310, 893	2, 525, 348
1914 ¹ -----	1, 310, 268	2, 462, 862	1923 ⁵ -----	1, 339, 357	2, 523, 080
1915 ² -----	1, 281, 132	2, 416, 471	1924 ⁵ -----	1, 368, 548	2, 666, 584
1916 ³ -----	1, 141, 246	2, 289, 996	1925 ⁵ -----	1, 390, 000	2, 756, 000
1917 ⁴ -----	1, 147, 183	2, 458, 158	1926 ⁵ -----	1, 478, 000	2, 840, 000

¹ Number on July 15.² Number on May 15.³ Number on Feb. 20.⁴ Number on July 1.⁵ Number on July 15, including South Jutland.

TABLE 104.—*Denmark: Imports and exports of butter*

[Denmarks Vareindførsel og udførsel; Statistisk Tabelværk (YB)]

Year	Butter		Year	Butter	
	Imports	Exports		Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1866 -----	Not given.	9,346,000	1916 -----	190,698	211,090,450
1870 -----		13,834,000	1917 -----	882	135,501,550
1880 -----		27,498,000	1918 -----	220	32,305,547
1890 -----	20,593,000	98,372,000	1919 -----	440,920	80,622,222
1900 -----	¹ 46,700,515	135,087,000	1920 -----	5,952	164,959,195
1910 -----	6,240,561	195,052,426	1921 -----	402,560	202,953,051
1911 -----	6,026,935	197,481,675	1922 -----	1,174,170	210,557,378
1912 -----	5,966,000	187,755,000	1923 -----	1,593,485	246,156,818
1913 -----	6,242,104	200,670,408	1924 -----	2,048,514	272,033,090
1914 -----	3,054,473	210,084,491	1925 -----	1,744,000	270,673,733
1915 -----	686,733	223,964,432			

¹ Imports for 1890 and 1900 were "general." From 1910 the imports were for "special trade only."

TABLE 105.—*Denmark: Imports and exports of cheese, and exports of casein, milk powder, and condensed milk*

[Vareinførsel]

Year	Cheese		Casein	Milk powder	Condensed milk
	Imports	Exports			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1913 -----	1,475,000	660,939	-----	2,646	6,393,340
1914 -----	1,048,000	1,067,026	767,201	-----	5,895,100
1915 -----	847,000	9,486,000	112,435	-----	7,643,348
1916 -----	318,000	9,832,516	37,478	-----	7,224,474
1917 -----	39,683	13,080,994	233,688	-----	¹ 5,114,231
1918 -----	-----	7,025,399	167,550	-----	¹ 3,137,366
1919 -----	384,923	5,725,126	74,956	-----	3,811,753
1920 -----	132,276	21,281,445	56,217	116,844	13,793,080
1921 -----	520,727	27,652,739	17,637	687,394	37,523,394
1922 -----	1,194,011	19,674,291	51,367	1,302,698	50,292,878
1923 -----	721,125	12,038,218	186,729	2,254,204	66,968,693
1924 -----	673,064	19,480,287	274,693	4,127,893	71,197,774
1925 -----	819,000	18,783,000	-----	-----	-----

¹ Including powdered milk.

TABLE 106.—*Denmark: Average butter prices of the weekly Copenhagen quotations, highest grade*

[Smør Tidende]

Year	Price per pound	Year	Price per pound
	<i>Cents</i>		<i>Cents</i>
1851.....	10.74	1916.....	38.90
1860.....	13.67	1917.....	49.00
1870.....	19.83	1918.....	65.70
1880.....	24.12	1919.....	59.80
1890.....	24.39	1920.....	45.20
1900.....	26.80	1921.....	38.10
1910.....	26.26	1922.....	36.60
1911.....	30.55	1923.....	36.80
1912.....	29.48	1924.....	39.60
1913.....	29.75	1925.....	42.50
1914 ¹	25.80	1926.....	36.56
1915.....	32.30		

¹ Reduced to gold basis for year 1914 and thereafter.TABLE 107.—*Denmark: Average export price of butter, by months, Copenhagen quotations*

[Smør Tidende]

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>	<i>Cts.</i>
1914.....	23.1	25.6	25.6	24.1	23.4	23.9	25.9	24.4	25.0	27.8	27.3	29.9	25.8
1915.....	29.6	26.9	23.0	27.6	29.6	29.1	31.0	32.6	34.7	41.6	40.5	36.6	32.3
1916.....	33.8	35.4	37.8	36.8	36.3	35.7	36.7	40.1	42.1	42.6	44.3	44.9	38.9
1917.....	45.3	39.6	38.4	37.2	38.6	40.5	45.0	49.7	54.6	65.4	68.4	65.5	49.0
1918.....	64.2	63.7	64.0	65.0	65.3	64.7	65.1	65.0	62.0	58.3	75.6	76.0	65.7
1919.....	75.8	73.8	72.4	71.1	58.2	50.8	48.4	46.5	54.7	53.8	59.5	52.1	59.8
1920.....	48.9	42.1	49.2	49.8	44.2	44.8	42.4	42.9	43.6	45.7	44.7	44.0	45.2
1921.....	42.4	39.3	40.4	43.9	33.5	32.4	38.3	41.1	36.4	38.3	39.9	31.8	38.1
1922.....	31.1	31.0	32.9	33.8	33.5	37.0	39.4	39.1	41.1	40.7	39.9	39.7	36.6
1923.....	40.5	41.3	41.0	34.5	29.5	29.3	30.7	34.7	40.3	38.9	39.4	41.4	36.8
1924.....	40.0	39.5	36.9	31.3	36.4	33.4	37.8	41.1	42.3	46.1	44.2	46.8	39.6
1925.....	42.0	45.4	46.1	40.6	36.9	39.4	40.5	44.2	45.7	46.5	44.6	37.8	42.5
1926.....	36.5	40.2	38.8	36.3	34.8	35.7	35.4	36.1	36.6	36.3	34.9	37.1	36.6

For earlier years, 1882-1913, see the U. S. Department of Agriculture Yearbook, 1923, p. 923.

Conversions from Danish quotations in ore per pound (1.1023 pound) at par of exchange (100 ore = 26.8 cents) to July, 1914; July, 1914, to date from weekly quotations in kroner per 100 kg., at average monthly exchange rate as quoted by Federal Reserve Board.

TABLE 108.—*Finland: Number of cows, total cattle, and reindeer*

[Statistisk Årsbok]

Year	Cows	Total cattle (YB)	Reindeer	Year	Cows	Total cattle (YB)	Reindeer
1865..	670,897	954,321	-----	1915 ² ..	1,114,447	1,537,936	-----
1870..	687,060	997,960	-----	1916..	1,080,558	1,501,975	-----
1880..	795,575	1,131,002	-----	1917..	1,075,749	1,500,670	-----
1890..	928,276	1,305,187	-----	1918..	1,046,935	1,438,573	-----
1900..	1,072,002	1,427,560	-----	1919..	1,071,162	-----	53,000
1910 ¹ ..	1,165,580	1,605,087	-----	1920..	1,173,861	1,824,174	-----
1911..	1,150,500	1,188,000	-----	1921..	-----	-----	-----
1912..	1,151,659	1,189,000	-----	1922..	1,259,608	1,843,523	-----
1913..	1,141,757	1,178,110	-----	1923..	1,277,664	1,864,645	61,029
1914..	1,129,986	1,603,720	-----	1924..	1,288,735	1,864,469	61,009

¹ The figures for 1910 are for month of September.² Data for 1915 to 1918 are from the Finnish Government.TABLE 109.—*France: Number of cows, total cattle, sheep, and goats*

[Statistique Agricole Annuelle, and Annuaire Statistique; also Enquête sur l'Industrie de Lait, 1902 (YB)]

Year	Cows	Total cattle	Sheep	Goats
1840.....	5,501,825	11,761,538	14,804,946	964,300
1852.....	5,781,465	11,970,737	-----	-----
1862.....	6,408,261	12,811,589	14,572,430	1,216,774
1882.....	6,587,639	12,997,054	9,758,528	2,336,332
1890.....	6,509,325	13,662,585	-----	-----
1892.....	6,673,460	13,708,997	8,804,401	1,335,736
1900.....	7,819,582	14,520,832	20,180,000	1,558,000
1910.....	7,596,250	14,532,030	17,111,000	1,418,000
1911.....	7,606,670	14,435,580	16,425,000	1,424,000
1912.....	7,745,750	14,705,900	15,468,000	1,409,000
1913.....	7,794,270	14,787,710	16,213,000	1,453,000
1914 ¹	6,663,355	12,668,240	14,038,000	1,317,000
1915 ¹	6,266,035	12,514,414	13,483,189	1,230,000
1916 ¹	6,221,850	12,341,950	12,379,000	1,177,000
1917 ¹	6,177,940	12,241,980	10,587,000	-----
1918 ¹	6,237,470	12,250,820	9,496,000	1,137,000
1919.....	6,327,510	13,217,240	8,991,000	1,434,970
1920.....	6,830,340	12,755,720	9,376,630	1,340,890
1921.....	6,972,890	13,343,440	9,600,000	1,361,180
1922.....	7,169,670	13,575,840	9,782,420	1,368,140
1923.....	7,303,940	13,749,290	9,925,210	1,352,630
1924.....	7,431,400	14,024,960	10,172,000	1,376,510
1925.....	7,590,370	14,372,980	-----	-----
1927.....	7,701,410	14,482,440	-----	-----

¹ Not including area occupied by Germany.

TABLE 110.—*France: Imports of butter, cheese, and condensed milk*

[Tableau Général du Commerce de la France (YB)]

Year	Butter	Cheese	Condensed milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1850-----	3,493,996	9,568,652	-----
1860-----	3,926,503	11,361,000	-----
1870-----	6,665,000	23,756,057	-----
1880-----	15,641,716	34,790,000	8,718,364
1890-----	14,164,738	28,725,722	608,170
1900-----	13,559,262	42,635,400	1,070,571
1910-----	10,656,375	49,011,340	1,631,624
1911-----	19,939,064	49,423,380	2,724,004
1912-----	14,179,326	47,558,000	3,205,047
1913-----	13,033,816	51,865,000	3,283,972
1914-----	13,654,631	45,521,242	15,535,375
1915-----	1,710,549	46,743,913	8,524,900
1916-----	625,004	24,139,268	21,894,764
1917-----	742,288	12,046,816	87,652,691
1918-----	1,067,000	11,185,000	33,404,320
1919-----	12,789,300	15,238,000	103,496,490
1920-----	16,353,502	21,231,400	64,337,503
1921-----	40,139,814	35,146,174	30,633,358
1922-----	54,913,000	50,643,000	32,922,003
1923-----	20,876,500	45,689,894	25,124,000
1924-----	6,175,966	32,792,323	20,167,681
1925-----	7,405,031	40,558,903	-----

TABLE 111.—*France: Exports of butter, cheese, and condensed milk*

[Tableau Général du Commerce de la France (YB)]

Year	Butter	Cheese	Condensed milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1850-----	4,870,497	1,866,048	-----
1860-----	26,073,317	3,458,969	-----
1870-----	40,096,000	4,676,261	-----
1880-----	68,484,843	9,407,683	-----
1899-----	87,580,000	12,232,137	167,772
1900-----	44,658,761	18,467,555	1,594,510
1910-----	48,427,787	25,160,659	4,251,351
1911-----	28,221,305	24,041,383	3,134,280
1912-----	37,571,675	27,689,555	4,136,932
1913-----	38,359,820	31,405,000	5,379,224
1914-----	39,616,000	22,323,780	4,315,063
1915-----	44,566,000	13,643,000	6,370,192
1916-----	18,936,632	11,704,221	2,205,702
1917-----	6,728,439	7,403,488	932,105
1918-----	2,360,000	4,428,000	726,686
1919-----	994,900	6,158,800	2,121,487
1920-----	4,233,714	12,709,960	15,425,366
1921-----	2,700,635	14,381,488	9,456,411
1922-----	6,950,000	18,496,000	7,349,362
1923-----	17,313,800	27,908,300	7,482,900
1924-----	7,996,525	28,890,842	7,282,900
1925-----	¹ 9,190,977	35,688,506	-----

¹ Preliminary.

TABLE 112.—*Germany: Number of cows, total cattle, and goats*

[Statistisches Jahrbuch and Imperial Gazette]

Year	Cows	Total cattle (YB)	Goats (YB)
1883.....	9,087,293	15,786,764	-----
1892.....	9,946,255	17,555,834	3,091,508
1900.....	10,458,631	18,939,692	3,266,997
1907.....	10,966,998	20,630,544	3,330,000
1912.....	10,994,283	20,182,021	3,410,396
1913.....	11,320,460	20,994,344	3,548,384
1914.....	11,321,000	21,829,000	3,533,414
1915.....	10,970,009	20,316,948	3,438,296
1916 ¹	-----	20,874,000	-----
1917.....	-----	20,095,000	-----
1918.....	-----	18,095,000	-----
1919.....	8,772,000	16,524,000	4,564,210
1920.....	8,790,000	16,807,000	4,459,000
1921.....	9,062,000	16,721,000	4,337,000
1922.....	8,978,000	16,316,000	4,140,199
1923.....	7,595,568	15,321,000	4,658,607
1924.....	9,742,000	17,326,000	4,350,633
1925.....	-----	17,202,336	3,796,463
1926.....	10,067,000	17,195,309	3,477,522

¹ September.TABLE 113.—*Germany: Per capita butter consumption*

Year	Butter consumption	Year	Butter consumption
	<i>Pounds</i>		<i>Pounds</i>
1913.....	14.7	1922.....	9.5
1918.....	9.2	1923.....	9.4
1921.....	9.6		

TABLE 114.—*Germany: Yield of milk per cow, and production of milk, butter, and cheese*

[Food conditions in Germany, E. H. Starling, 1919]

Year	Average milk yield	Total milk production	Butter produced	Cheese produced
	<i>Pounds</i>	<i>Gallons</i>	<i>Pounds</i>	<i>Pounds</i>
1909-1913 ¹	4,988	6,174,025,000	881,840,000	590,832,800
1916.....	4,257	4,290,000,000	-----	-----
1917.....	3,542	3,657,500,000	-----	-----
1918.....	3,070	3,135,000,000	529,104,000	-----
1922.....	3,053	-----	530,000,000	-----

¹ Average.

TABLE 115.—*Germany: Imports of dairy products*
[Auswärtiger Handel Deutschland and Bul. 103, Bureau of Statistics (YB)]

Year	Butter	Cheese	Condensed milk	Whole milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i> ¹
1897.....	22, 236, 000	-----	3, 086	20, 743, 700
1900.....	34, 647, 494	36, 689, 123	3, 748	¹ 33, 154, 098
1910.....	92, 815, 865	46, 011, 104	59, 083	82, 054, 110
1911.....	123, 619, 418	45, 954, 448	52, 910	92, 154, 264
1912.....	122, 472, 143	47, 276, 765	-----	-----
1913.....	119, 576, 189	57, 902, 837	3, 086	5, 602, 550
1914.....	-----	-----	882	5, 515, 468
1920.....	17, 226, 774	50, 343, 584	9, 180, 395	-----
1921.....	3, 350, 992	59, 973, 938	9, 814, 879	42, 085, 814
1922.....	2, 358, 000	51, 984, 000	9, 294, 000	21, 146, 303
1923.....	2, 903, 000	24, 930, 000	8, 372, 000	19, 256, 299
1924.....	117, 896, 276	96, 702, 133	² 26, 753, 041	² 110, 326, 561
1925.....	212, 993, 240	148, 698, 606	23, 392, 000	-----
1926.....	215, 584, 000	141, 345, 000	-----	-----

¹ Including cream.² Preliminary.

TABLE 116.—*Germany: Exports of dairy products*
[Auswärtiger Handel Deutschland and Bul. 103, Bureau of Statistics (YB)]

Year	Butter	Cheese	Condensed milk	Whole milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1897.....	7, 945, 396	Not found.	6, 239, 018	11, 890, 951
1900.....	5, 593, 000	2, 571, 000	6, 104, 537	17, 254, 522
1910.....	398, 592	1, 858, 257	10, 131, 901	15, 744, 592
1911.....	554, 898	2, 178, 806	10, 401, 964	19, 113, 882
1912.....	482, 000	1, 812, 000	10, 256, 000	25, 934, 000
1913.....	602, 000	1, 603, 000	18, 203, 000	27, 447, 270
1920.....	429, 897	173, 000	2, 524, 695	3, 196, 670
1921 ¹	203, 000	1, 021, 000	2, 890, 451	6, 744, 753
1922.....	619, 000	2, 235, 000	1, 021, 832	12, 114, 277
1923.....	147, 488	636, 000	582, 455	2, 177, 483
1924.....	59, 304	1, 238, 765	570, 110	² 406, 087
1925.....	303, 573	2, 491, 198	1, 428, 000	-----

¹ May to December only.² Preliminary.

TABLE 117.—*Hungary: Number of cows and total cattle*
[YB]

Year	Cows	Total cattle	Year	Cows	Total cattle
1870.....	2, 052, 488	5, 279, 193	1904.....	-----	7, 319, 121
1880.....	2, 035, 217	5, 311, 378	1909.....	2, 500, 000	7, 152, 568
1895.....	2, 185, 224	6, 738, 365	1913.....	-----	¹ 6, 045, 000

¹ And 162,000 buffaloes.

TABLE 118.—*India:*¹ *Number of total cattle and buffaloes for specified years* ²

[In thousands, i. e., 000 omitted]

Year	Total cattle	Total buffaloes	Year	Total cattle	Total buffaloes
1894-95 ³ -----	67, 045	11, 826	1919-20-----	141, 166	35, 059
1899-1900-----	80, 063	13, 348	1920-21-----	142, 933	35, 493
1904-05-----	85, 289	14, 218	1921-22-----	142, 963	36, 156
1910-11-----	105, 055	18, 187	1922-23-----	143, 163	36, 004
1913-14-----	137, 278	20, 000	1923-24-----	143, 572	36, 190
1916-17-----	143, 086	21, 068	1924-25-----	145, 623	37, 022
1917-18-----	142, 567	21, 098			

Year	Cows	Buffalo cows
1920-21-----	46, 347, 896	17, 227, 741
1921-22-----	46, 323, 282	17, 861, 959
1924-25-----	46, 907, 830	17, 453, 000

¹ British India and Native States combined.² Number of cows and buffalo cows.³ For British India only.

Compiled from Agricultural Statistics of India, Vols. I and II.

All figures showing total livestock in India are only approximately correct, as census of various Provinces are not all taken as of the same date. The cattle census is taken during the period from September to April.

TABLE 119.—*Ireland: Number of cows and total cattle*

[British Statistical Abstract, Agricultural Statistics, Ireland]

Year	Dairy cows	Total cattle (YB)	Year	Dairy cows	Total cattle (YB)
1851-----		2, 967, 481	1913-----	1, 605, 220	4, 932, 625
1854-----	1, 517, 672		1914-----	1, 638, 929	5, 051, 645
1861-----	1, 545, 168	3, 471, 688	1915-----	1, 593, 092	4, 843, 795
1870-----	1, 529, 024	3, 799, 912	1916-----	1, 611, 697	4, 970, 441
1880-----	1, 398, 047	3, 921, 517	1917-----	1, 504, 933	4, 908, 516
1890-----	1, 400, 527	4, 240, 316	1918-----	1, 556, 839	4, 863, 282
1900-----	1, 458, 074	4, 608, 550	1919-----	1, 561, 767	5, 029, 450
1910-----	1, 557, 584	4, 688, 888	1920-----	1, 580, 734	5, 019, 837
1911-----	1, 565, 418	4, 711, 720	1921-----	1, 631, 006	5, 197, 226
1912-----	1, 598, 986	4, 848, 498			

TABLE 119.—*Ireland: Number of cows and total cattle—*
Continued

Year	Irish Free State (dairy cows)	North Ireland (dairy cows)	All Ireland (cows)
1922.....	1, 336, 729	296, 587	1, 633, 316
1923.....	1, 307, 046	281, 035	1, 588, 081
1924.....	1, 364, 887	270, 910	1, 635, 797
1925.....	1, 264, 368	249, 513	1, 513, 881
1926.....	1, 281, 788	260, 097	1, 541, 885

TABLE 120.—*Ireland: Imports and exports of dairy products*

[Journal of Agriculture and Technical Instruction, Monthly statement of Department of Agriculture, report of trade in imports and exports in Irish ports]

[Thousand pounds, i. e., 000 omitted]

Year	Butter		Cheese		Condensed milk	
	Imports	Exports	Imports	Exports	Imports	Exports
1904.....		91, 368	4, 783	128		28, 307
1910.....		78, 278	4, 879	313		32, 743
1911.....		77, 097	5, 216	489		28, 510
1912.....		87, 223	4, 814	610		27, 633
1913.....		81, 241	5, 058	683		30, 281
1914.....	8, 281	95, 828	6, 142	1, 074	2, 764	34, 682
1915.....	6, 725	93, 866	5, 766	1, 760	3, 451	31, 163
1916.....	4, 727	85, 619	4, 537	1, 503	3, 387	27, 999
1917.....	3, 254	75, 637	3, 181	2, 026	3, 516	26, 575
1918.....	500	51, 062	5, 188	15, 283	4, 511	30, 230
1919.....	590	38, 832	3, 641	32, 024	6, 355	29, 462
1920.....	181	62, 185	4, 305	16, 264	7, 291	20, 860
1921.....	1, 882	68, 609	6, 919	3, 364	4, 917	18, 677
1922.....	11, 012	71, 035	6, 341	1, 062	5, 277	5, 555
1923.....						
1924 ¹	8, 789	51, 187	2, 590	542		
1925.....	9, 381	44, 975	2, 823	483		

¹ Irish Free State only.

TABLE 121.—*Italy: Number of cattle, buffaloes, sheep, and goats*

[Annuario Statistico Italiano, Census Reports, and L'Italia Agricola (YB)]

Year	Cattle	Buffaloes	Sheep	Goats
1881 ^{1 2} -----	4, 772, 000	11, 000	8, 596, 000	2, 016, 000
1905 ² -----	5, 672, 000	-----	-----	-----
1908 ³ -----	6, 198, 861	19, 366	11, 162, 926	2, 714, 878
1914-----	6, 646, 000	-----	13, 824, 000	-----
1918 ⁴ -----	6, 239, 741	24, 026	11, 753, 910	3, 082, 558

¹ Census taken in 1881 was as of Feb. 13.² Prior to the census of 1908 the data were taken by sending schedules out to be filled in by the farmers.³ Census taken in 1908 was as of Mar. 10.⁴ Census taken in 1918 was as of April.

NOTE.—Cows and heifers 1 year and over: 1908, 3,403,377; 1918, 3,071,345.

TABLE 122.—*Italy: Imports and exports of dairy products*

[Movimento Commerciale, Italy (YB)]

Year	Butter		Cheese		Condensed milk	
	Imports	Exports	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1871-----	287, 700	2, 213, 198	12, 553, 433	3, 887, 151	-----	-----
1880-----	509, 273	5, 183, 896	16, 512, 454	5, 368, 862	-----	-----
1890-----	705, 913	6, 709, 921	17, 059, 195	12, 559, 386	-----	-----
1900-----	429, 236	14, 136, 777	9, 352, 134	26, 051, 097	-----	-----
1910-----	345, 020	8, 295, 469	14, 760, 900	57, 515, 814	574, 960	6, 615, 123
1911-----	2, 516, 771	8, 147, 320	11, 915, 422	61, 402, 526	834, 882	6, 629, 012
1912-----	899, 256	8, 842, 650	10, 068, 629	67, 504, 856	954, 592	7, 183, 689
1913-----	909, 838	6, 034, 211	12, 351, 799	72, 320, 580	1, 214, 955	5, 728, 653
1914-----	194, 005	9, 310, 026	9, 837, 807	66, 003, 526	1, 111, 559	9, 998, 522
1915-----	96, 561	7, 488, 365	3, 471, 584	65, 761, 027	1, 335, 106	11, 575, 032
1916-----	135, 803	792, 113	252, 206	39, 322, 568	1, 092, 600	6, 907, 012
1917-----	126, 324	170, 000	9, 259	2, 333, 349	2, 064, 828	646, 389
1918-----	73, 193	108, 687	746, 037	938, 278	7, 415, 393	157, 408
1919-----	1, 880, 087	50, 926	11, 151, 308	1, 810, 000	27, 383, 341	279, 543
1920-----	3, 103, 856	95, 680	5, 893, 337	2, 789, 921	1, 632, 727	404, 985
1921-----	1, 004, 195	144, 622	1, 780, 000	16, 663, 690	1, 129, 417	289, 023
1922-----	2, 964, 085	1, 683, 212	15, 570, 869	32, 057, 089	664, 246	1, 043, 437
1923-----	526, 017	2, 905, 000	10, 228, 000	50, 388, 778	986, 779	6, 791, 271
1924-----	1, 001, 770	6, 436, 109	4, 156, 000	74, 910, 000	854, 944	13, 559, 392
1925-----	139, 000	8, 010, 194	3, 867, 530	86, 228, 229	771, 000	17, 324, 000

TABLE 123.—*Japan: Number of cows, total cattle and milk cows*

[Japanese Yearbook]

Year	Native cows	Grade cows	Foreign breeds of cows	Total cattle	Milk cows	Average yield
						<i>Pounds</i>
1899...	685, 106	70, 002	14, 055	1, 252, 865		
1900...	676, 600	82, 715	15, 343	1, 261, 214		
1905...	560, 295	171, 278	15, 943	1, 167, 610		
1910...	569, 441	322, 857	18, 404	1, 384, 183	41, 333	2, 531
1911...	567, 973	338, 278	21, 345	1, 405, 026	44, 060	2, 515
1912...	560, 564	340, 193	20, 870	1, 399, 498	41, 943	2, 732
1913...	565, 324	331, 919	20, 815	1, 388, 708	42, 281	2, 705
1914...	580, 907	321, 137	14, 625	1, 387, 233	43, 374	2, 722
1915...	605, 244	307, 969	12, 739	1, 387, 922	43, 645	2, 861
1916...	590, 084	301, 170	12, 191	1, 342, 990	44, 791	2, 871
1917...	580, 770	295, 626	12, 690	1, 304, 331	45, 739	3, 091
1918...	587, 859	298, 086	14, 918	1, 307, 120	42, 035	3, 339
1919...	612, 871	304, 739	15, 538	1, 344, 865	40, 343	3, 303
1920...	629, 859	310, 310	16, 838	1, 376, 049	41, 682	3, 363
1921...	658, 789	323, 020	19, 294	1, 439, 800	42, 986	4, 206
1922...				1, 459, 226	53, 750	
1923...				1, 469, 329	57, 040	
1924...					42, 555	

TABLE 124.—*Japan: Quantities of dairy products made in factories*

[Japanese Yearbook]

Year	Condensed milk	Butter	Artificial butter ¹
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1915.....	4, 863, 170	682, 282	410, 793
1916.....	8, 520, 541	897, 084	481, 869
1917.....	8, 271, 925	1, 428, 258	811, 687
1918.....	14, 405, 419	1, 302, 749	750, 592
1919.....	18, 852, 588	1, 203, 253	907, 704
1920.....	16, 950, 635	1, 082, 600	908, 194
1921.....	17, 306, 772	1, 146, 173	1, 015, 298
1922.....	15, 708, 000	1, 205, 000	
1923.....			

¹ Principally vegetable.

TABLE 125.—*Netherlands: Number of dairy cows and total cattle*

[Jaarcijfers Kroninkrijk der Nederlanden, Rijk in Europe]

Year	Dairy cows	Total cattle (YB)	Year	Dairy cows	Total cattle (YB)
1851.....		1, 243, 700	1910.....	1, 068, 361	2, 026, 943
1861.....		1, 335, 300	1913.....	1, 109, 679	2, 096, 599
1871 ¹	911, 200	1, 435, 700	1917 ²	1, 234, 594	2, 301, 532
1881 ¹	893, 900	1, 434, 400	1918 ³	1, 130, 908	2, 043, 872
1891.....	897, 400	1, 532, 200	1919 ⁴	1, 232, 264	1, 968, 609
1900.....	965, 832	1, 655, 600	1921.....	1, 085, 713	2, 062, 771

¹ The number of dairy cows shown for 1871 and 1881 are the averages for the 10-year periods beginning on those dates.

² Number in April.

³ Number in August.

⁴ Number in March.

TABLE 126.—*Netherlands: Production and consumption of factory butter for the years 1916 and 1919*

[Commerce Reports, No. 245, Oct. 18, 1920]

Month	1916		1919	
	Production	Consumption	Production	Consumption
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
January.....	7, 054, 720	3, 968, 280	3, 747, 820	3, 086, 440
February.....	7, 054, 720	4, 188, 740	3, 086, 440	3, 527, 360
March.....	11, 684, 380	4, 409, 200	4, 629, 660	4, 409, 200
April.....	11, 243, 460	3, 747, 820	5, 731, 960	3, 306, 900
May.....	14, 109, 440	4, 409, 200	8, 818, 400	5, 291, 040
June.....	17, 195, 880	6, 613, 800	14, 109, 440	7, 716, 100
July.....	12, 566, 220	6, 393, 340	10, 582, 080	7, 936, 560
August.....	14, 770, 820	8, 157, 020	12, 786, 680	8, 377, 480
September.....	10, 582, 080	6, 613, 800	9, 038, 860	6, 393, 340
October.....	9, 038, 860	6, 172, 880	8, 377, 480	6, 613, 800
November.....	9, 479, 780	5, 952, 420	8, 818, 400	5, 291, 040
December.....	6, 393, 340	4, 409, 200	6, 172, 880	2, 865, 980
Total.....	131, 173, 700	65, 035, 700	95, 900, 100	64, 815, 240

TABLE 127.—*Netherlands: Production of butter, cheese, condensed milk, milk powder, and skim-milk powder*

[Jaarcijfers Kroninkrijk der Nederlanden, Rijk in Europe, and Verslagen en Mededeelingen Van de Directie Van den Landbauw]

[Thousand pounds, i. e., 000 omitted]

Year	Butter	Cheese	Condensed milk		Milk powder	Skim-milk powder
			Whole	Skim		
1903.....	131, 491	154, 889	-----	-----	-----	-----
1906.....	132, 424	174, 318	-----	-----	-----	-----
1910.....	142, 430	185, 125	-----	-----	-----	-----
1912.....	148, 165	211, 002	-----	-----	-----	-----
1917.....	-----	186, 689	-----	-----	-----	-----
1918.....	-----	115, 506	-----	-----	-----	-----
1919.....	-----	132, 276	11, 241	23, 590	1, 914	8, 823
1920.....	-----	179, 816	36, 738	77, 910	5, 708	7, 649
1921.....	132, 483	215, 403	50, 618	112, 059	9, 722	3, 007
1922.....	138, 522	215, 215	40, 049	146, 624	6, 975	3, 710
1923.....	153, 211	232, 678	-----	-----	-----	-----
1924.....	160, 993	243, 603	-----	-----	-----	-----
1925.....	165, 355	249, 682	-----	-----	-----	-----

TABLE 128.—*Netherlands: Imports and exports of butter and cheese*

[Statistiek van den in-uit-en doorvoer (YB)]

Year	Butter		Cheese	
	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1850.....	231, 890	26, 491, 049	287, 023	49, 184, 300
1860.....	1, 572, 043	39, 331, 100	611, 563	61, 021, 134
1870.....	6, 861, 284	1 47, 865, 455	512, 230	64, 445, 875
1880.....	2, 759, 718	1 79, 479, 604	635, 187	61, 854, 000
1890.....	8, 834, 868	87, 203, 279	655, 001	66, 830, 000
1900.....	1, 634, 102	49, 762, 641	578, 990	101, 208, 865
1910.....	4, 491, 879	72, 456, 276	676, 724	122, 771, 456
1911.....	6, 038, 399	66, 512, 782	649, 709	113, 607, 416
1912.....	4, 636, 273	86, 307, 885	652, 996	131, 107, 075
1913.....	5, 529, 137	81, 702, 476	663, 397	145, 336, 751
1914.....	3, 880, 444	84, 406, 790	562, 457	149, 573, 576
1915.....	904, 693	93, 351, 626	286, 739	190, 333, 870
1916.....	992, 070	79, 810, 047	287, 000	199, 599, 206
1917.....	52, 339	54, 214, 930	10, 163	123, 633, 961
1918.....	42, 782	5, 415, 259	730	32, 893, 251
1919.....	614, 753	30, 242, 048	42, 320	27, 371, 522
1920.....	130, 675	45, 575, 696	488, 705	99, 737, 645
1921.....	4, 400, 873	44, 528, 511	801, 882	115, 278, 534
1922.....	10, 815, 770	50, 981, 375	749, 564	143, 768, 580
1923.....	1, 686, 519	52, 769, 306	873, 000	136, 645, 517
1924.....	3, 613, 339	76, 570, 167	888, 454	170, 351, 647
1925.....	5, 756, 211	87, 597, 576	1, 164, 029	175, 711, 029

1 Oleomargarine and butter reported together from 1870 to 1889.

TABLE 129.—*Netherlands: Imports and exports of condensed milk and milk powder*

[Statistiek van den in-uit-en doorvoer (YB)]

Year	Condensed milk		Milk powder	
	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1917-----	1,000	116,277,217	-----	9,474,000
1918-----	41,887	44,252,925	-----	3,761,000
1919-----	97,698	35,540,636	6,613	10,736,402
1920-----	74,551	115,804,326	79,365	13,357,671
1921-----	281,475	166,899,263	1,508,601	12,728,739
1922-----	533,513	190,581,056	1,095,690	10,685,696
1923-----	163,140	227,393,467	1,056,004	13,888,980
1924-----	235,893	233,901,447	1,931,230	21,148,727
1925-----	291,000	248,456,215	-----	19,180,020

TABLE 130.—*New Zealand: Number of dairy cows and total cattle*

[New Zealand Yearbook and Statistical Abstract (YB)]

Year	Dairy cows	Total cattle	Year	Dairy cows	Total cattle
1861-----		193,285	1916-----	732,931	2,417,491
1864-----		249,760	1917-----	777,439	2,575,230
1871-----		436,592	1918-----	793,215	2,869,465
1874-----		494,917	1919-----	826,000	3,035,478
1881-----		698,637	1920-----	893,000	3,102,000
1885-----		853,358	1921-----	1,005,000	3,139,000
1890-----		831,831	1922-----	1,137,055	3,323,223
1895-----		964,000	1923-----	1,248,643	3,480,694
1900-----	355,000	1,222,000	1924-----	1,312,589	3,563,497
1905-----	498,000	1,737,000	1925-----	1,323,000	3,504,000
1910-----	633,733	2,020,171	1926-----	1,304,000	3,452,486
1911-----	536,629	-----			

TABLE 131.—*New Zealand: Production of butter, cheese, and condensed milk*

[Statistics of New Zealand (New Zealand YB)]

[Thousand pounds, i. e., 000 omitted]

Fiscal year ended Mar. 31—	Creamery butter	Whey butter	Total factory butter ¹	Cheese	Con- densed milk
1896-----	11, 337	-----	-----	9, 684	-----
1901-----	29, 758	-----	-----	15, 645	-----
1906-----	51, 819	-----	-----	16, 807	-----
1911-----	60, 687	-----	-----	53, 100	-----
1916-----	67, 589	-----	-----	90, 172	-----
1918-----	-----	-----	-----	-----	-----
1919-----	-----	-----	-----	-----	-----
1920-----	64, 631	-----	64, 631	141, 444	7, 616
1921-----	90, 996	1, 930	92, 926	124, 953	5, 457
1922-----	132, 481	2, 529	135, 010	142, 076	6, 546
1923-----	174, 016	2, 546	176, 562	139, 775	4, 373
1924-----	161, 603	3, 461	165, 064	171, 918	4, 432
1925-----	162, 433	2, 793	165, 226	160, 893	-----

¹ Not including farm-made butter, which averages about 6,000,000 pounds a year.

TABLE 132.—*New Zealand: Exports of dairy products*

[Trade and Navigation Reports, Abstract of Statistics of New Zealand, and 1915 Yearbook of New Zealand (YB)]

Year ended Dec. 31—	Butter	Cheese	Condensed milk	Casein
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1866-----	25, 984	1, 456	-----	-----
1870-----	384, 720	306, 320	-----	-----
1880-----	304, 304	80, 304	-----	-----
1890-----	3, 899, 392	4, 530, 512	-----	-----
1900-----	19, 329, 296	11, 519, 088	-----	-----
1910-----	39, 931, 920	50, 614, 480	236, 000	-----
1911-----	33, 867, 344	49, 187, 488	282, 000	-----
1912-----	42, 349, 104	64, 631, 840	32, 000	-----
1913-----	41, 692, 896	68, 506, 256	17, 000	-----
1914-----	48, 615, 504	96, 742, 912	48, 000	-----
1915-----	47, 056, 128	91, 532, 896	1, 175, 106	197, 680
1916-----	40, 166, 784	106, 334, 592	984, 038	451, 248
1917-----	28, 492, 464	99, 203, 216	4, 105, 849	5, 179
1918-----	48, 274, 576	98, 944, 160	7, 061, 830	138, 320
1919-----	38, 731, 602	176, 098, 832	2, 146, 438	-----
1920-----	34, 945, 000	136, 870, 000	1, 791, 890	2, 975, 056
1921-----	100, 629, 536	153, 304, 032	3, 028, 868	3, 703, 952
1922-----	125, 462, 400	130, 053, 952	1, 482, 447	3, 291, 120
1923-----	140, 015, 680	161, 443, 520	1, 442, 932	5, 632, 256
1924-----	142, 178, 960	178, 582, 432	1, 407, 539	5, 175, 520
1925-----	139, 476, 288	154, 196, 448	-----	-----

TABLE 133.—*Norway: Number of cows, total cattle, and reindeer*

[Norges Jordbrug, and Statistisk Aarbok (YB)]

Year	Cows	Total cattle	Reindeer
1845		842, 568	90, 273
1855		949, 935	116, 891
1865		953, 036	101, 768
1875	741, 598	1, 016, 617	96, 567
1890	706, 925	1, 006, 499	170, 134
1900	689, 563	950, 201	109, 000
1907 ¹	727, 898	1, 039, 000	142, 623
1910	755, 483	1, 134, 613	(²)
1914		1, 146, 000	(²)
1915		1, 121, 000	(²)
1916	782, 000	1, 126, 000	(²)
1918		1, 085, 707	(²)
1919		1, 053, 743	
1920	705, 688	1, 095, 000	
1921			
1922			
1923		1, 131, 120	
1924		1, 114, 433	
1925	773, 149	1, 150, 617	
1926		1, 200, 279	

¹ Beginning with 1907 figures are for Sept. 30; prior to that, December.² Not officially reported after 1907.TABLE 134.—*Rumania: Number of dairy cows and total cattle and buffaloes*

[Estatistical Agricola a Romaniei (YB)]

Year	Dairy cows	Total cattle	Buffaloes
1884		2, 376, 056	
1888		2, 406, 071	
1890	820, 510	2, 520, 380	
1896		2, 138, 315	
1900	701, 227	¹ 2, 588, 526	
1907		¹ 2, 585, 205	
1911		¹ 2, 666, 945	
1916		¹ 2, 938, 000	
1917		1, 050, 000	
1918			
1919		1, 125, 000	
1920			
1921	1, 724, 653	5, 520, 914	
1922	¹ 1, 862, 546	5, 745, 534	186, 676
1923	2, 512, 824	5, 932, 000	185, 280
1924		5, 739, 000	
1925	2, 236, 432	5, 583, 000	

¹ Including buffaloes. In 1900 there were 25,750 cow buffaloes, 10,482 young buffaloes, and 7,243 other buffaloes in Rumania.

TABLE 135.—*Russia: Number of cattle and total cattle, for specified years, 1864–1925*

Year	European Russia ¹ (total cattle)	Siberia	
		Cows	Total cattle
	<i>Number</i>	<i>Number</i>	<i>Number</i>
1864–1869	22,963,000		
1882	26,765,400		
1887	26,004,600		
1888	27,922,700		
1890	28,541,400		
1891	28,013,500		
1892	27,686,300		
1894	26,795,100		
1895	27,359,300		
1896	32,442,500		
1897	33,453,600		
1898	32,946,900		
1899	33,736,700		
1900	34,483,900		
1901	34,688,600		
1902	34,964,800		
1903	34,671,100		
1904	34,427,200		
1905	33,656,300		
1906	32,849,200		
1907	31,975,400		
1908	32,139,400		
1909	32,882,500		5,753,553
1910	33,615,700		
1911	33,290,200		
1912	² 33,228,100		
1913			³ 6,400,000
1916		3,488,400	6,986,400
1920		3,091,400	5,580,700
1921		2,551,500	5,071,400
1922		2,088,300	3,791,800
1923		1,891,300	3,613,000
1924		⁴ 2,319,500	⁴ 4,652,100
1925			

¹ Including Poland but not Finland or Caucasia.

² Including 5,601,655 cattle in the Provinces of Vilna, Kovno, Grodno, Livonia, Courland, Estonia, Bessarabia, and in Poland which have since separated from Russia. The Province of Volhynia had 1,073,404 cattle: about one-half of the Province is now included in Poland.

³ Chernyshev, I. V., *Agriculture of Pre-war Russia* and U. S. S. R. Moscow, 1926. Figures since 1916 from Central Statistical Administration of the U. S. S. R.

⁴ *Agriculture of Siberia*, issue No. 1, Peoples Commissariat of R. S. F. S. R.

TABLE 135.—*Russia: Number of cattle and total cattle, for specified years, 1864–1925—Continued*

Year	Russian Empire (total cattle)	Union of Socialist Soviet Republics	
		Cows	Total cattle
	<i>Number</i>	<i>Number</i>	<i>Number</i>
1909-----	50, 241, 009		
1913-----	³ 52, 300, 000		
1916-----		22, 154, 900	49, 965, 500
1920-----		22, 052, 000	39, 100, 600
1921-----		20, 083, 500	36, 817, 600
1922-----		18, 219, 800	33, 031, 400
1923-----		20, 091, 400	38, 567, 100
1924-----		22, 880, 000	48, 598, 300
1925-----		⁵ 26, 707, 000	

³ Chernyshev, I. V., *Agriculture of Pre-war Russia and U. S. S. R.* Moscow, 1926. Figures since 1916 from Central Statistical Administration of the U. S. S. R.

⁵ F. Chembular in *Union of Consumers*, No. 2, February, 1927.

Compiled from *Recueil de Donnees Statistiques et Economiques sur l'Industrie Agricole en Russie et dans les Pays Etrangers*, St. Petersburg, 1913, 1915.

TABLE 136.—*Russia: Estimated production, consumption, and exportation of butter, Union of Socialist Soviet Republics, 1913 and 1924–25 to 1926–27*

[Thousand pounds, i. e., 000 omitted]

Item	1913	Year beginning October—		
		1924	1925	1926 ¹
Total production-----	914, 000	866, 700	914, 000	990, 600
Rural consumption-----	466, 100	606, 700	627, 900	643, 900
Urban consumption-----	274, 600	209, 400	235, 500	274, 500
Exportation-----	173, 300	50, 600	50, 600	72, 200

¹ Estimated in advance.

Compiled from *Economic Life*, Nov. 23, 1926.

TABLE 137.—*Russia (U. S. S. R.): Exports of butter and cheese*

[Russian Commerce Reports (YB)]

Year	Butter exports	Cheese exports ¹	Year	Butter exports	Cheese exports ¹
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1860-1870 ² ..	6,842,479	216,420	1914	118,996,623	1,520,782
1871-1875 ² ..	5,875,803	36,070	1915	119,358,799	994,655
1876-1880 ² ..	6,694,592	1,089,314	1916	³ 21,668	³ 104,727
1885-1888 ² ..	11,650,610	1,861,212	1917	21,668	⁴ 5,417
1894-1898 ² ..	14,896,910	1,410,337	1918	-----	-----
1900	42,923,300	1,490,047	1919	-----	-----
1910	124,365,658	1,423,675	1920	-----	-----
1911	168,704,448	2,102,162	1923	10,978,000	-----
1912	160,770,972	2,088,764	1924	73,488,000	-----
1913	172,003,064	3,506,408			

¹ Not including "curd."² Average annual export.³ Preliminary figures.⁴ European frontier only. Figures from U. S. War Trade Board.TABLE 138.—*South Africa (British): Production of butter and cheese*

[Official Yearbook, Union of South Africa]

[Thousand pounds, i. e., 000 omitted]

Year ended June 30—	Cream- ery butter	Farm butter	Total	Factory cheese	Farm cheese	Total
1911	5,191	6,159	11,350	225	320	545
1912	¹ 6,254	¹ 4,314	10,568	¹ 373	¹ 402	775
1913	7,660	3,082	10,742	521	¹ 504	1,025
1914	6,567	4,155	10,722	606	¹ 633	1,239
1915	8,323	5,084	13,407	1,099	¹ 794	1,893
1916	7,877	5,105	12,982	978	997	1,975
1917	11,397	5,713	17,110	2,359	1,907	4,266
1918	12,014	8,079	20,093	4,277	1,746	6,023
1919	13,733	7,960	21,693	5,153	366	5,519
1920	10,864	6,945	17,809	3,782	272	4,054
1921	11,517	7,446	18,963	4,347	272	4,619
1922	12,508	9,365	21,873	5,136	204	5,340

¹ Estimated.

TABLE 139.—*Spain: Number of cattle and goats*

Year	Total cattle(YB)	Total goats	Year	Total cattle(YB)	Total goats
1865-----	2, 904, 598	-----	1916-----	3, 070, 903	3, 207, 360
1891-----	2, 217, 659	2, 534, 000	1917-----	3, 233, 000	4, 182, 000
1905-----	2, 075, 142	-----	1918-----	3, 712, 000	4, 476, 000
1906-----	2, 497, 000	2, 440, 000	1919-----	3, 173, 577	3, 685, 808
1910-----	2, 368, 767	3, 216, 489	1920 ¹ -----	3, 396, 573	3, 790, 656
1911-----	2, 541, 112	3, 369, 624	1921-----	3, 718, 000	4, 298, 000
1912-----	2, 561, 894	3, 116, 226	1922-----	3, 297, 000	3, 971, 000
1913-----	2, 879, 000	3, 394, 000	1923-----	3, 435, 127	3, 804, 073
1914-----	2, 743, 000	3, 265, 000	1924-----	3, 160, 000	3, 804, 000
1915-----	2, 926, 170	3, 216, 682			

¹ Milk cows, 228, 659; 1924, milk cows, 612, 159; 1925, milk cows, 715, 117.

TABLE 140.—*Sweden: Number of cows and total cattle*

[Statistik Arsbok and Statistik Tidskrift]

Year	Cows	Total cattle(YB)	Year	Cows	Total cattle(YB)
1865-----	1, 185, 556	1, 924, 354	1914-----	1, 845, 989	2, 761, 000
1870-----	1, 231, 477	1, 965, 900	1915-----	1, 841, 508	2, 883, 884
1880-----	1, 409, 236	2, 226, 757	1916 ¹ -----	1, 769, 689	2, 913, 159
1890-----	1, 578, 927	2, 399, 491	1917 ¹ -----	1, 775, 353	3, 020, 381
1900-----	1, 764, 819	2, 582, 555	1918 ¹ -----	1, 634, 982	2, 584, 159
1910-----	1, 861, 219	2, 747, 526	1919 ¹ -----	1, 607, 060	2, 550, 828
1911-----	1, 837, 035	2, 689, 609	1920-----	1, 739, 000	2, 736, 000
1913-----	1, 841, 991	2, 720, 741			

¹ June 1.

The number of reindeer in Sweden in 1918 was 275,085.

TABLE 141.—*Sweden: Total milk received and dairy products manufactured*

[Statistik Årsbok]

Year	Milk delivered to dairies ¹	Number of butter factories	Butter made	Cheese made
	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1890-----	1, 115, 774, 074	1, 562	35, 479, 510	14, 538, 412
1895-----	1, 634, 582, 991	1, 793	54, 953, 356	15, 243, 652
1900-----	1, 856, 891, 758	1, 688	57, 570, 964	16, 392, 215
1905-----	2, 023, 987, 671	1, 575	62, 727, 497	19, 043, 775
1910-----	2, 533, 570, 352	1, 416	72, 616, 094	22, 345, 956
1913-----	2, 879, 401, 605	1, 650	70, 339, 968	32, 138, 659
1914-----	2, 766, 911, 890	1, 627	72, 615, 115	28, 869, 237
1915-----	2, 376, 434, 915	1, 663	60, 597, 840	24, 127, 142
1916-----	2, 509, 339, 653	1, 698	62, 264, 518	28, 505, 478
1917-----	2, 085, 194, 455	1, 762	45, 551, 450	22, 630, 219
1918-----	1, 289, 521, 246	1, 495	23, 454, 739	11, 798, 815
1919-----	1, 560, 534, 928	1, 450	27, 409, 792	17, 603, 731
1920-----	2, 135, 073, 530	1, 479	42, 912, 539	33, 075, 651
1921-----	2, 575, 638, 590	1, 499	54, 566, 055	40, 220, 310
1922-----	2, 708, 631, 084	1, 504	61, 023, 328	36, 985, 673
1923-----	2, 851, 947, 721	1, 516	63, 926, 786	38, 260, 687
1924-----	3, 032, 754, 000	1, 585	67, 462, 965	46, 614, 062

¹ Including mysost from 1920.

The term "dairies" is used throughout Europe for factories which receive milk and cream for any purpose; but generally it refers to butter and cheese factories.

TABLE 142.—*Sweden: Imports and exports of butter and cheese*

[Swedish Commerce Reports, Bidrag till Sveriges Officiåla (YB)]

Year	Butter		Cheese	
	Imports	Exports	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1861-1865 ¹ -----	2, 352, 000	369, 000	-----	-----
1871-1875 ¹ -----	3, 348, 000	6, 955, 000	-----	-----
1881-1885 ¹ -----	5, 992, 000	17, 684, 000	-----	-----
1890-----	3, 920, 000	33, 163, 200	430, 080	316, 960
1900-----	1, 096, 678	42, 246, 271	716, 593	9, 160
1910-----	205, 352	47, 949, 356	712, 760	51, 588
1911-----	343, 029	48, 888, 521	743, 424	6, 393
1912-----	273, 000	46, 818, 477	1, 279, 133	11, 971
1913-----	432, 071	43, 329, 909	1, 213, 758	6, 045
1914-----	188, 879	41, 941, 296	764, 864	69, 196
1915-----	29, 848	41, 532, 093	1, 148, 233	617, 000
1916-----	61, 059	28, 703, 513	285, 855	992
1917-----	15, 756, 261	3, 117	1, 208, 363	699
1918-----	11, 425, 615	3, 302	423, 715	172
1919-----	13, 816, 713	76, 195	3, 575, 885	12, 284
1920-----	16, 916, 958	53, 417	5, 398, 384	396, 984
1921-----	14, 171, 402	340, 384	2, 239, 029	296, 200
1922-----	5, 691, 058	3, 042, 873	1, 991, 825	335, 591
1923-----	3, 498, 892	5, 420, 703	4, 164, 271	114, 357
1924-----	1, 233, 538	11, 832, 306	2, 205, 859	265, 784
1925-----	409, 740	20, 333, 240	1, 210, 963	729, 866
1926-----	3, 097, 688	33, 822, 967	1, 375, 335	655, 582

¹ Average.

TABLE 143.—*Switzerland: Number of dairy cows, total cattle and goats*

[Statistisches Jahrbuch der Schweiz; also Recensement Fédéral du Bétail (YB)]

Year	Dairy cows	Total cattle	Goats
1866	553, 205	993, 291	375, 482
1876	592, 413	1, 035, 856	396, 001
1886	663, 102	1, 212, 538	416, 323
1896	688, 052	1, 306, 696	415, 817
1901	739, 922	1, 340, 375	354, 634
1908	785, 950	1, 498, 144	362, 117
1911	796, 909	1, 443, 483	341, 296
1912			
1913			
1914			
1915			
1916	849, 011	1, 615, 893	358, 093
1917			
1918	786, 565	1, 530, 522	356, 455
1919	738, 896	1, 433, 170	349, 794
1920 ¹	729, 999	1, 382, 116	333, 852
1921	747, 138	1, 425, 341	329, 000
1922			
1923	780, 000		240, 000
1926	873, 293	1, 587, 110	287, 083

¹ On Apr. 21.

TABLE 144.—*Switzerland: Estimated production of milk 1911–1925 ¹*

[Swiss Yearbook]

[Thousand pounds, i. e., 000 omitted]

Year	Cows' milk	Goats' milk	Total milk
1911	5, 224, 902	209, 437	5, 434, 339
1912	5, 533, 546	209, 437	5, 742, 983
1913	5, 798, 098	209, 437	6, 007, 535
1914	5, 886, 282	220, 460	6, 106, 742
1915	5, 533, 546	220, 460	5, 754, 006
1916	5, 423, 316	220, 460	5, 643, 776
1917	4, 585, 568	220, 460	4, 806, 028
1918	3, 968, 280	220, 460	4, 188, 740
1919			
1920	4, 243, 855	209, 437	4, 453, 292
1921	4, 607, 614	211, 642	4, 819, 256
1922	5, 026, 488	211, 642	5, 238, 130
1923	5, 194, 038	211, 642	5, 405, 680
1924	5, 392, 452	211, 642	5, 604, 094
1925	5, 520, 318	154, 322	5, 674, 640

¹ These official estimates were made in terms of million quintals, to the nearest tenth; hence quantities are not exact and can be considered only as generally representative.

TABLE 145.—*Switzerland: Dairy products made in factories*

[Swiss Yearbook]

Year	Cheese	Butter	Condensed milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1911-----	144,401,300	31,525,780	99,207,000
1912-----	170,195,120	35,494,060	99,207,000
1913-----	180,556,740	37,257,740	88,144,000
1914-----	174,824,780	33,478,200	121,253,000
1915-----	127,425,880	36,596,360	110,230,000
1916-----	110,891,380	37,037,280	99,207,000
1917-----	71,429,040	30,864,400	66,138,000
1918-----	63,051,560	28,880,260	55,115,000
1920-----	84,877,100	20,943,700	46,296,600
1921-----	102,006,840	26,896,120	66,138,000
1922-----	122,026,813	28,659,800	48,501,200
1923-----	125,800,000	28,700,000	71,000,000
1924-----	141,420,000	26,680,000	-----

TABLE 146.—*Switzerland: Per capita consumption of dairy products*¹

[Swiss Yearbook]

Year	Cheese	Butter	Con- densed milk	Whole milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Gallons</i>
1911-----	22.0	11.5	13.2	64.3
1912-----	28.9	11.2	8.8	64.3
1913-----	28.2	12.6	-----	67.2
1914-----	26.4	12.1	22.0	67.4
1915-----	15.0	11.0	15.4	67.7
1916-----	17.4	9.9	13.2	71.8
1917-----	14.8	8.2	11.0	67.5
1918-----	16.1	7.5	-----	51.3
1922-----	20.0	11.1	-----	67.0

¹ No allowance could be made for consumption by tourists.

TABLE 147.—*Switzerland: Imports of dairy products*

[Swiss Commerce Report (YB)]

Year	Fresh milk	Butter	Cheese	Condensed milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1885.....	246, 033	2, 621, 931	2, 854, 957	-----
1890.....	12, 996, 117	3, 556, 681	3, 182, 561	-----
1900.....	16, 037, 865	4, 249, 146	5, 171, 991	-----
1910.....	20, 110, 802	11, 062, 683	6, 308, 683	124, 000
1911.....	23, 858, 181	12, 097, 742	7, 643, 789	302, 000
1912.....	25, 994, 659	11, 930, 925	7, 995, 202	224, 000
1913.....	27, 649, 211	11, 155, 906	7, 763, 058	269, 000
1914.....	19, 270, 850	8, 900, 411	4, 717, 403	317, 000
1915.....	15, 510, 463	5, 699, 773	3, 409, 854	717, 000
1916.....	9, 773, 653	946, 214	427, 251	74, 000
1917.....	7, 655, 474	369, 491	213, 626	434, 000
1918.....	7, 189, 201	54, 454	86, 640	2, 000
1919.....	6, 270, 000	13, 250, 307	995, 817	11, 528, 516
1920.....	14, 149, 784	18, 139, 890	4, 368, 000	6, 168, 250
1921.....	27, 393, 257	15, 993, 932	1, 893, 531	1, 431, 888
1922.....	18, 814, 000	15, 038, 062	1, 791, 678	4, 850
1923.....	21, 496, 000	14, 684, 000	2, 543, 000	177, 000
1924.....	17, 774, 000	19, 993, 076	4, 162, 505	119, 710
1925.....	26, 279, 751	19, 091, 893	3, 764, 934	68, 193
1926.....	28, 416, 705	17, 817, 972	3, 456, 218	70, 812

TABLE 148.—*Switzerland: Exports of dairy products*

[Swiss Commerce Reports (YB)]

Year	Fresh milk	Butter	Cheese	Condensed milk
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1900.....	8, 959, 274	216, 933	60, 265, 166	62, 387, 094
1910.....	31, 063, 475	32, 000	69, 391, 549	69, 586, 876
1911.....	33, 598, 986	40, 000	66, 593, 470	85, 975, 873
1912.....	35, 603, 408	52, 000	66, 435, 000	91, 978, 558
1913.....	39, 942, 502	56, 000	79, 649, 552	89, 415, 269
1914.....	37, 642, 884	134, 000	77, 572, 599	100, 070, 762
1915.....	41, 199, 124	74, 000	74, 774, 961	96, 300, 455
1916.....	34, 942, 689	6, 000	47, 214, 815	87, 688, 000
1917.....	23, 062, 325	-----	12, 861, 416	61, 392, 000
1918.....	20, 739, 113	-----	2, 680, 353	43, 820, 394
1919.....	20, 532, 084	-----	1, 369, 056	22, 045, 559
1920.....	10, 355, 667	3, 086	3, 202, 182	46, 512, 651
1921.....	7, 857, 415	9, 921	10, 595, 969	46, 824, 601
1922.....	14, 907, 000	7, 936	46, 152, 199	45, 473, 623
1923.....	18, 591, 000	20, 000	39, 045, 671	55, 826, 649
1924.....	76, 972, 286	252, 206	43, 775, 640	58, 224, 809
1925.....	37, 419, 536	177, 417	51, 726, 475	67, 654, 978
1926.....	35, 393, 006	130, 828	61, 971, 513	73, 939, 945

TABLE 149.—*United Kingdom of Great Britain and Ireland (including the Channel Islands and the Isle of Man): Number of cows and total cattle*

[British Statistical Abstract, and Board of Agriculture and Fisheries of England (YB)]

Year (June)	Cows	Total cattle	Year (June)	Cows	Total cattle
1875-----	3, 783, 607	10, 128, 112	1916-----	4, 499, 321	12, 451, 540
1880-----	3, 639, 755	9, 833, 563	1917-----	4, 514, 803	12, 382, 236
1890-----	3, 956, 321	10, 789, 421	1918-----	4, 603, 841	12, 311, 149
1900-----	4, 096, 682	11, 455, 009	1919-----	4, 587, 805	12, 491, 427
1910-----	4, 342, 186	11, 765, 453	1920-----	4, 381, 794	11, 770, 274
1911-----	4, 407, 800	11, 866, 111	1921-----	4, 575, 421	11, 893, 000
1912-----	4, 400, 816	11, 914, 635	1922-----	4, 607, 488	12, 062, 000
1913-----	4, 317, 957	11, 936, 600	1923-----	4, 657, 052	¹ 11, 999, 000
1914-----	4, 595, 128	12, 184, 505	1924-----	4, 666, 796	¹ 12, 007, 000
1915-----	4, 494, 740	12, 171, 452			

¹ Excluding Channel Islands.

TABLE 150.—*United Kingdom: Number and kinds of cattle on the islands of Jersey and Guernsey, June, 1920*

[Agricultural Statistics, 1920, Vol. LV, Part I]

Classification	Jersey	Guernsey
Cows in milk-----	4, 966	2, 837
Cows in calf, not milk-----	317	201
Heifers in calf-----	1, 000	327
Total cows-----	6, 283	3, 365
Bulls being used-----	126	89
Other cattle, 2 years old and above-----	190	422
Other cattle, 1 year and under 2 years-----	1, 674	1, 045
Other cattle, under 1 year-----	2, 250	1, 333
Total-----	10, 523	6, 254

TABLE 151.—*United Kingdom: Milk production in Great Britain (England, Scotland, and Wales)*

[Minister of Agriculture and Fisheries, Part III, 1919]

Year	Annual yield per cow	Annual production, less milk for calves	Year	Annual yield per cow	Annual production, less milk for calves
	<i>Imperial gallons</i>	<i>Million gallons</i>		<i>Imperial gallons</i>	<i>Million gallons</i>
1909-1913-----	560	1, 231	1919-----	470	1, 085
1914-----	575	1, 253	1920-----		
1915-----	550	1, 241	1921-----	¹ 550	1, 223
1916-----	525	1, 164	1922-----	¹ 575	1, 318
1917-----	495	1, 086	1923-----		1, 350
1918-----	436	955			

¹ June 4.

One imperial gallon (British) equals 1.2 U. S. gallons, or 10.32 pounds.

TABLE 152.—*United Kingdom: Average price per pound of first-quality butter in Great Britain*¹

Year	January	February	March	April	May	June	July	August	September	October	November	December	Average
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
1909.....	30.4	29.9	29.4	27.9	25.9	24.8	25.9	27.9	28.4	29.4	30.4	31.4	28.7
1910.....	30.9	31.4	30.9	29.4	27.4	25.3	25.9	26.9	27.9	28.9	29.4	30.4	28.7
1911.....	30.4	29.9	29.4	27.9	25.9	24.8	25.9	29.4	30.4	31.9	32.4	32.9	29.3
1912.....	32.4	32.9	31.4	29.4	26.4	25.4	26.9	27.9	28.9	29.9	30.9	31.9	29.5
1913.....	31.9	31.9	31.4	28.9	26.9	25.4	26.4	27.9	28.9	29.4	30.4	31.4	29.2
1914.....	31.4	30.9	30.4	28.9	26.4	25.4	27.0	31.2	30.6	31.0	32.2	33.0	29.9
1915.....	33.8	34.6	33.5	32.0	29.4	29.3	30.8	32.4	33.2	35.6	36.0	37.9	33.2
1916.....	38.1	37.7	37.7	36.7	34.7	32.7	34.2	38.2	40.6	42.1	44.6	46.0	38.6
1917.....	48.0	49.0	49.0	48.6	44.6	42.1	44.1	48.5	51.5	54.4	54.9	55.4	49.2
1918.....	55.9	56.4	56.4	57.0	56.0	55.5	54.9	54.5	54.5	55.0	57.0	58.0	55.9
1919.....	58.0	58.0	56.8	56.2	56.3	55.7	53.5	51.6	50.5	50.4	49.3	45.5	53.5
1920.....	44.7	64.4	71.1	73.0	60.2	57.6	59.4	63.7	68.0	73.8	74.6	76.4	65.6
1921.....	75.1	72.5	64.0	56.1	44.7	38.1	42.4	47.9	44.2	45.6	47.6	49.3	52.3
1922.....	43.6	42.3	39.7	40.5	38.4	36.6	43.5	46.5	47.1	48.1	50.4	52.8	44.1
1923.....	53.6	52.8	51.7	47.5	36.6	33.8	33.9	40.3	43.1	44.8	46.4	49.1	44.5
1924.....	48.8	47.1	44.6	40.1	34.1	33.3	38.7	44.3	47.6	49.5	53.5	55.9	44.8
1925.....	55.3	51.3	49.0	47.8	41.2	39.4	45.0	49.6	50.5	52.6	54.5	55.8	49.3
1926.....	50.9	48.2	47.8	45.1	40.7	38.9	41.7	41.0	46.6	42.7	48.2	47.8	42.0
1927.....	46.8	47.2	46.1	42.7	45.6	36.4	38.3	43.8	43.2	45.2	47.5	-----	----

¹ Compiled from Ministry of Agriculture and Fisheries, Agricultural Statistics of Great Britain and Agricultural Returns of Great Britain. Average of wholesale prices at country markets. Conversions at par of exchange 1904-1913; subsequently at monthly average rates of exchange as quoted by Federal Reserve Board.

TABLE 153.—*United Kingdom: Consumption of butter and cheese in 1919*

[Estimates, Minister for Food in National Food Journal, London, Mar. 10, 1920]

Product	Total consumption	Home production	Importation
	Pounds	Pounds	Pounds
Butter.....	403,200,000	233,856,000	169,344,000
Cheese.....	324,800,000	97,440,000	227,360,000

TABLE 154.—*United Kingdom: Average annual consumption of dairy products and margarine from 1909 to 1913*

[Estimates in British Food Journal, July-October, 1919]

Product	Total consumption	Home production	Importation
	Pounds	Pounds	Pounds
Butter.....	748,160,000	282,056,320	466,103,680
Cheese.....	353,920,000	89,541,760	264,388,240
Margarine.....	264,320,000	134,274,560	130,045,440
Margarine (1918).....	568,960,000	535,391,360	33,568,640

TABLE 155.—*United Kingdom: Average annual consumption of dairy products and margarine from 1909 to 1913*

[The Feeding of Nations, by E. H. Starling]

Product	Home production and importation	Per capita consumption
	<i>Pounds</i>	<i>Pounds</i>
Milk and cream.....	9, 920, 700, 000	216.00
Butter.....	707, 676, 600	¹ 15.38
Cheese.....	324, 076, 200	¹ 7.04
Condensed and evaporated milk.....	121, 693, 920	2.64
Margarine.....	261, 465, 560	5.46

¹ The per capita consumption of butter and of cheese as shown in this table is much less than that shown in Tables 5 and 6. This table is based on the average for 5 years, 1909 to 1913, while the figures in Tables 5 and 6 are based on a single year. There was a decrease in imports and in production during this period, hence a decrease in consumption.

Dairy products were estimated from 1908 census, and per capita consumption was obtained by using 46 million as average population for the period.

TABLE 156.—*United Kingdom: Imports and exports of butter*

[Trade and Navigation Reports (YB)]

Year	General imports	Domestic exports	Year	General imports	Domestic exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1850.....	35, 823, 648	6, 791, 568	1916.....	243, 646, 480	979, 664
1860.....	94, 092, 544	14, 039, 424	1917.....	202, 329, 792	264, 208
1870.....	129, 831, 520	6, 443, 136	1918.....	176, 809, 696	197, 232
1880..... ¹	260, 546, 160	3, 517, 696	1919.....	174, 742, 848	262, 080
1890.....	227, 104, 304	2, 745, 120	1920.....	190, 646, 736	362, 544
1900.....	378, 393, 792	1, 177, 120	1921.....	394, 685, 312	1, 104, 544
1910.....	484, 460, 368	1, 035, 328	1922.....	478, 078, 832	1, 673, 168
1911.....	481, 901, 504	1, 335, 936	1923.....	570, 697, 232	2, 092, 160
1912.....	448, 577, 808	1, 270, 304	1924.....	592, 171, 328	2, 239, 104
1913.....	463, 571, 136	1, 220, 240	1925.....	655, 563, 000	1, 444, 688
1914.....	446, 230, 848	1, 222, 256	1926.....	651, 710, 080	1, 687, 616
1915.....	431, 631, 760	1, 178, 352			

¹ Including margarine for 1880.

TABLE 157.—*United Kingdom: Imports and exports of cheese*

[Trade and Navigation Reports (YB)]

Year	General imports	Domestic exports	Year	General imports	Domestic exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1850----	33, 003, 168	968, 016	1916----	291, 661, 888	985, 824
1860----	65, 327, 696	3, 214, 400	1917----	329, 959, 392	212, 016
1870----	116, 623, 472	2, 821, 728	1918----	263, 995, 536	70, 448
1880----	198, 911, 664	1, 333, 136	1919----	237, 244, 000	111, 216
1890----	240, 136, 288	1, 367, 632	1920----	308, 029, 120	454, 048
1900----	303, 058, 336	1, 046, 600	1921----	315, 556, 080	479, 472
1910----	275, 110, 080	911, 008	1922----	297, 846, 640	580, 608
1911----	263, 012, 512	949, 088	1923----	317, 917, 152	¹ 945, 504
1912----	258, 584, 144	956, 704	1924----	323, 401, 456	843, 024
1913----	257, 302, 080	995, 680	1925 ¹ ----	347, 054, 624	1, 949, 920
1914----	272, 592, 768	804, 832	1926----	337, 574, 160	2, 994, 696
1915----	305, 372, 032	824, 880			

¹ Preliminary.TABLE 158.—*United Kingdom: Imports and exports of condensed milk* ¹

[Commerce and Trade Reports]

Year	Imports	Exports	Year	Imports	Exports
	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>
1888----	26, 754, 464	-----	1917----	183, 275, 344	14, 271, 264
1890----	34, 370, 560	6, 886, 992	1918----	287, 581, 280	1, 382, 976
1900----	92, 108, 912	23, 458, 064	1919----	356, 078, 800	1, 436, 512
1910----	113, 094, 240	49, 194, 432	1920----	221, 140, 640	6, 669, 936
1911----	129, 387, 104	51, 151, 520	1921----	243, 848, 864	4, 065, 152
1912----	136, 828, 832	52, 651, 424	1922----	211, 664, 432	15, 589, 392
1913----	140, 250, 432	50, 676, 304	1923----	252, 857, 136	13, 824, 720
1914----	137, 235, 392	47, 146, 960	1924----	249, 907, 504	11, 022, 928
1915----	176, 682, 464	37, 628, 192	1925 ² ----	251, 061, 216	11, 095, 952
1916----	191, 272, 704	35, 207, 312	1926----	267, 940, 176	13, 862, 912

¹ Including condensed skim milk.² Prior to 1888 condensed milk was included in "other dairy products."TABLE 159.—*United Kingdom: Average food requirements*

[Royal Society Food Commission, Mar. 30, 1917]

Food	Food energy of total requirements
	<i>Per cent</i> ¹
Cereals----- (Wheat 30 per cent)	34
Meat (including poultry and game)-----	18
Dairy products-----	15
Sugar-----	13
Potatoes-----	8
Fruits, fish, etc-----	12
Total-----	100

¹ The percentage is based on the food-energy value.



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